

Ute Tribal 31-07 AOR CBLs

Attached are the following CBLs:

Ute Tribal 31-06

CASED HOLE SOLUTIONS

Cement Bond
Gamma Ray /CCL
Log

Company Petroglyph Operating Company, Inc.
Well Ute Tribal 31-06
Field Antelope Creek
County Duchesne State Utah

Location: API #: 4301352690000
SHL: 1989' FNL & 2150' FEL, SW/NE
BHL: 1980' FNL & 1980' FWL, NW/SE
Permanent Datum GL Twp. 5S Rge. 3W Elevation 6797'
Log Measured From KB 13' AGL
Drilling Measured From KB
Other Services
K.B. 6810'
D.F. 6809'
G.L. 6797'

Date 18-Sep-2014

Run Number ONE
Depth Driller 6384'
Depth Logger 6305'
Bottom Logged Interval 6291'
Top Log Interval 28'
Open Hole Size 8.625"
Type Fluid Water
Density / Viscosity NA
Max. Recorded Temp. 169°F
Estimated Cement Top 110'
Time Well Ready OA
Time Logger on Bottom 10:15
Equipment Number 100101
Location Vernal Ut
Recorded By Chad Meinrod
Witnessed By Alex Avila

Borehole Record
Run Number Bit From To Size Weight From To

Casing Record Size Wgt/Ft Top Bottom
Surface String 8.625" 24# Surface 538'
Prot. String
Production String 5.5" 15.5# Surface TD
Liner

>>> Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

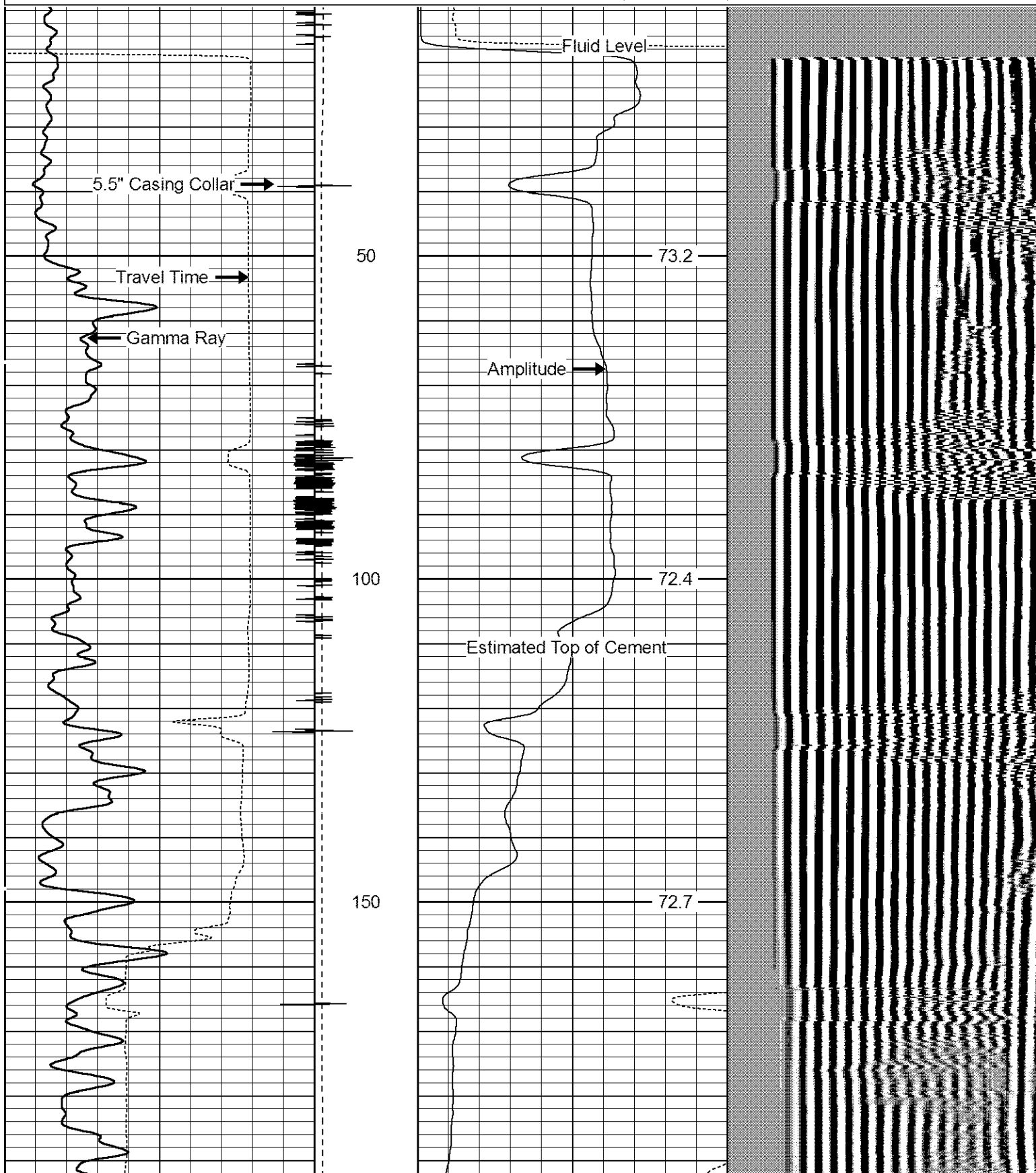
Log Correlated To HES Open Hole Log Dated 06-Sep-2014
Short Joints: 3789' To 3809' & 4568'+ To 4588

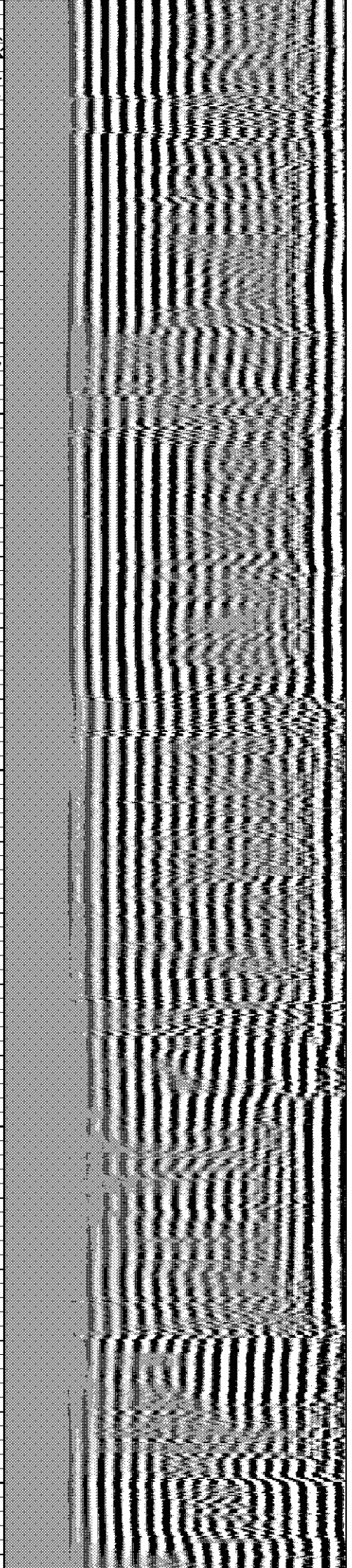
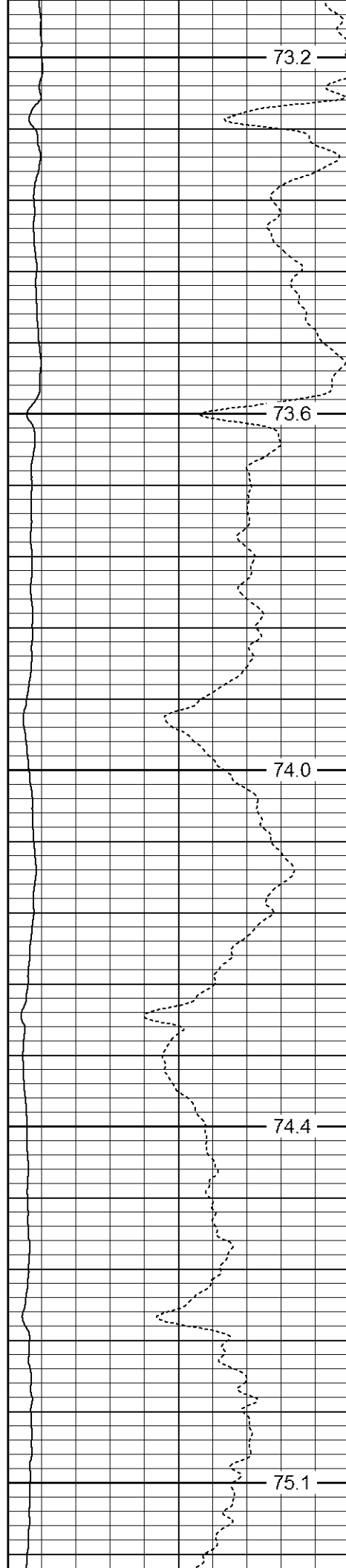
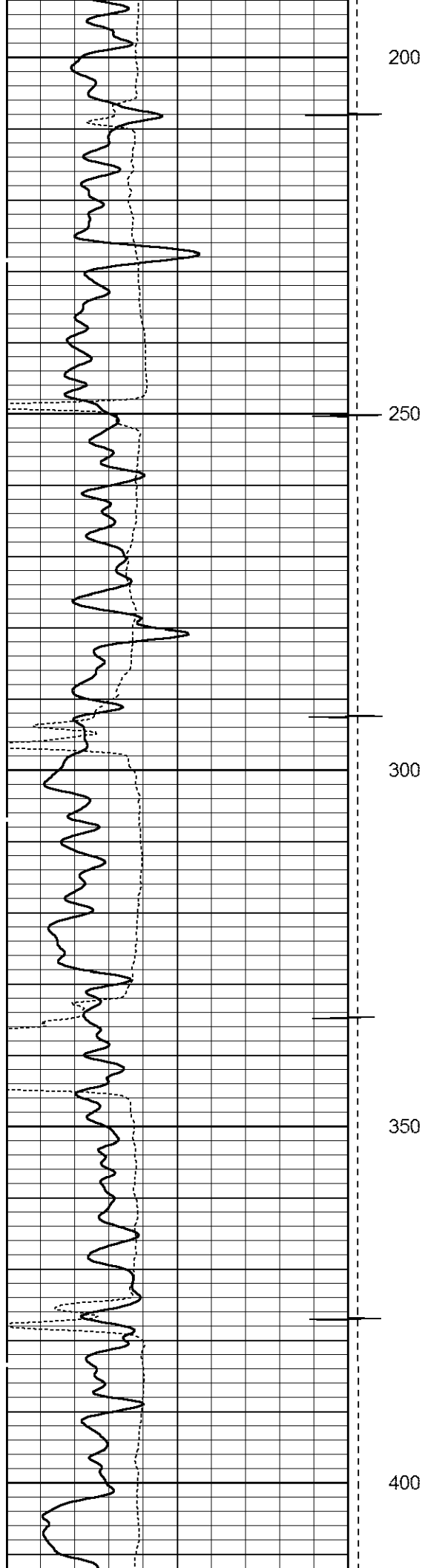
CASED HOLE SOLUTIONS

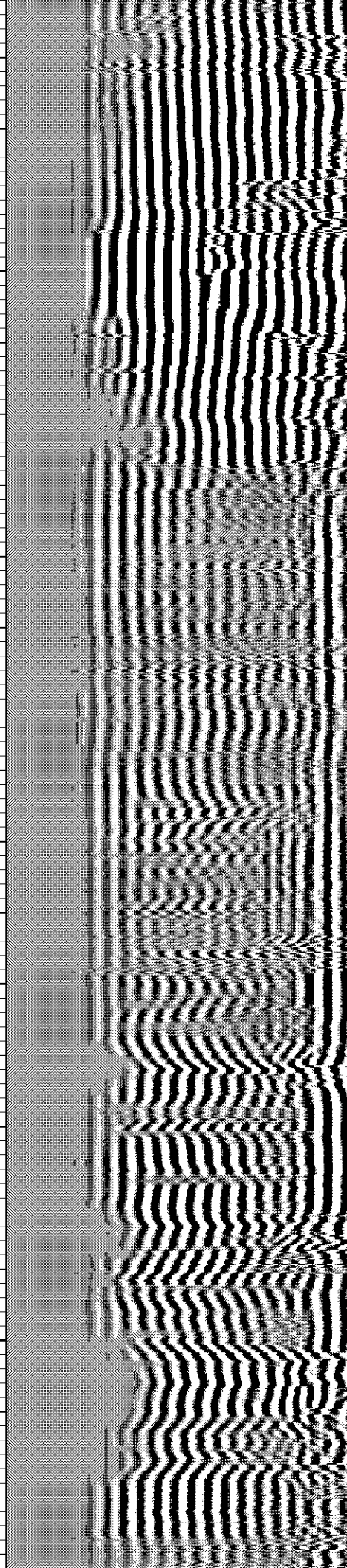
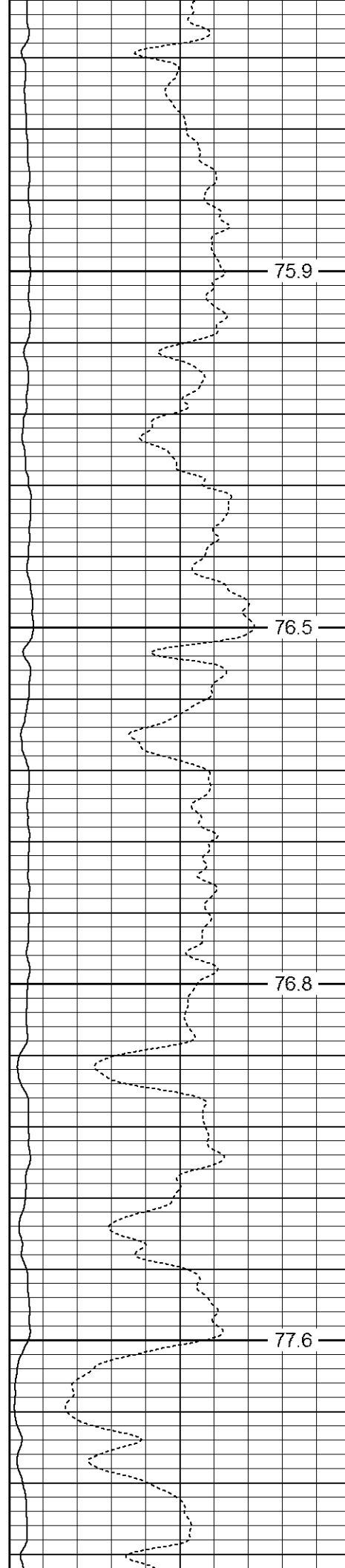
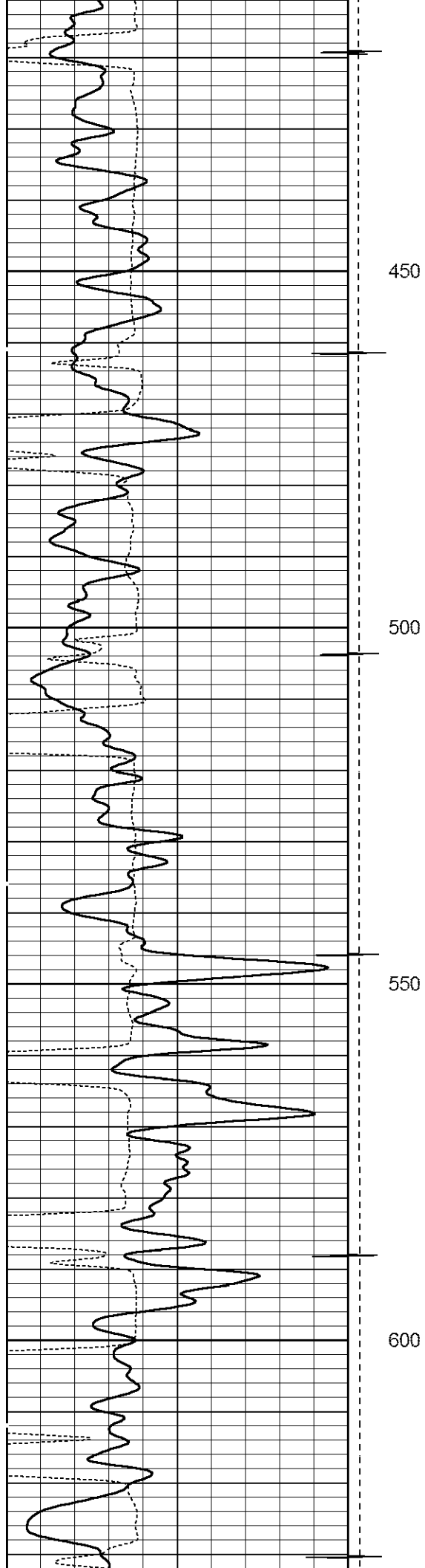
MainPass "0" PSI

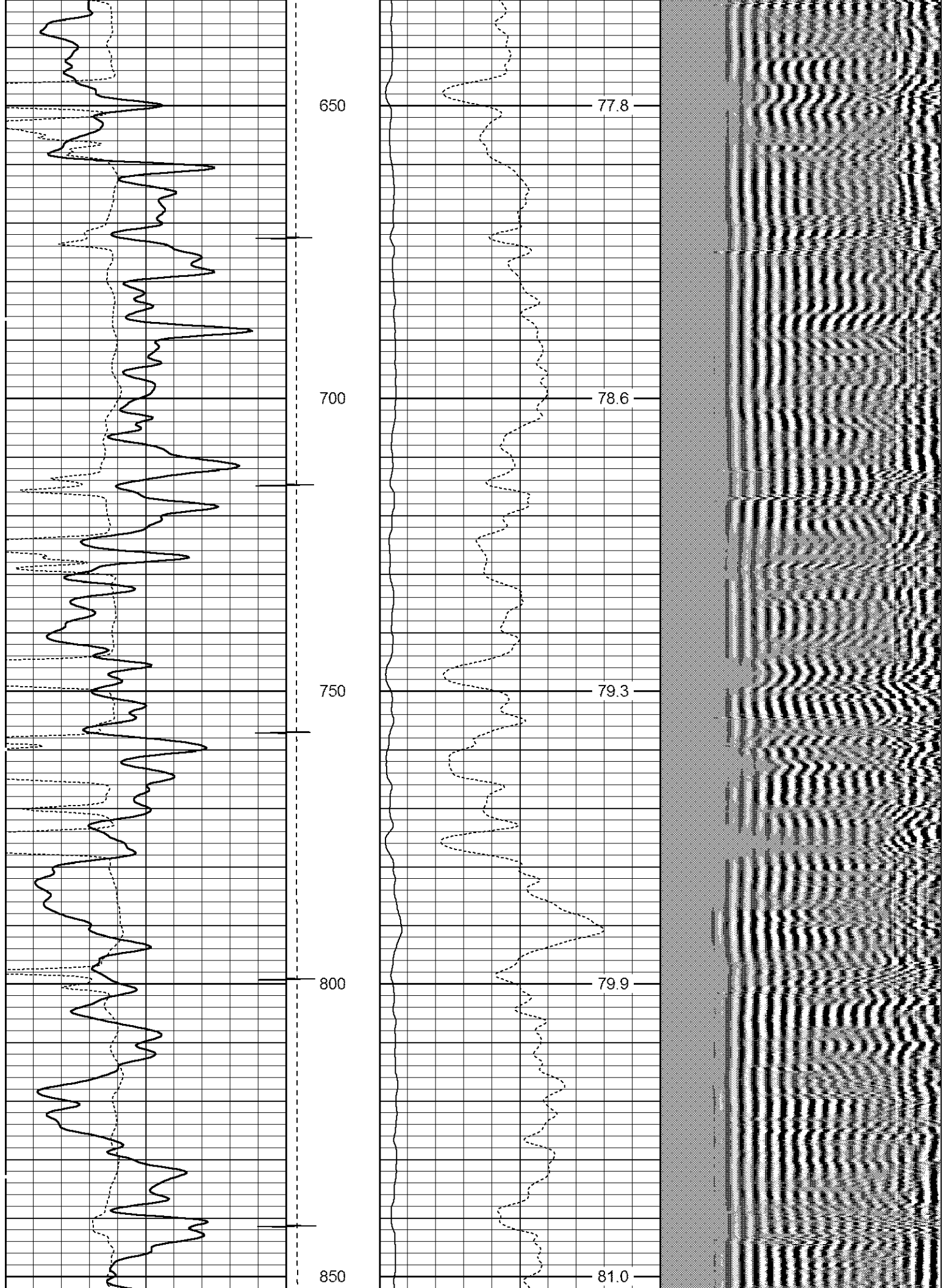
Database File: ute tribal 31-06 cbl.db
Dataset Pathname: pass3.1
Presentation Format: cbltemp
Dataset Creation: Thu Sep 18 12:02:33 2014 by Calc SCH 110722
Charted by: Depth in Feet scaled 1:240

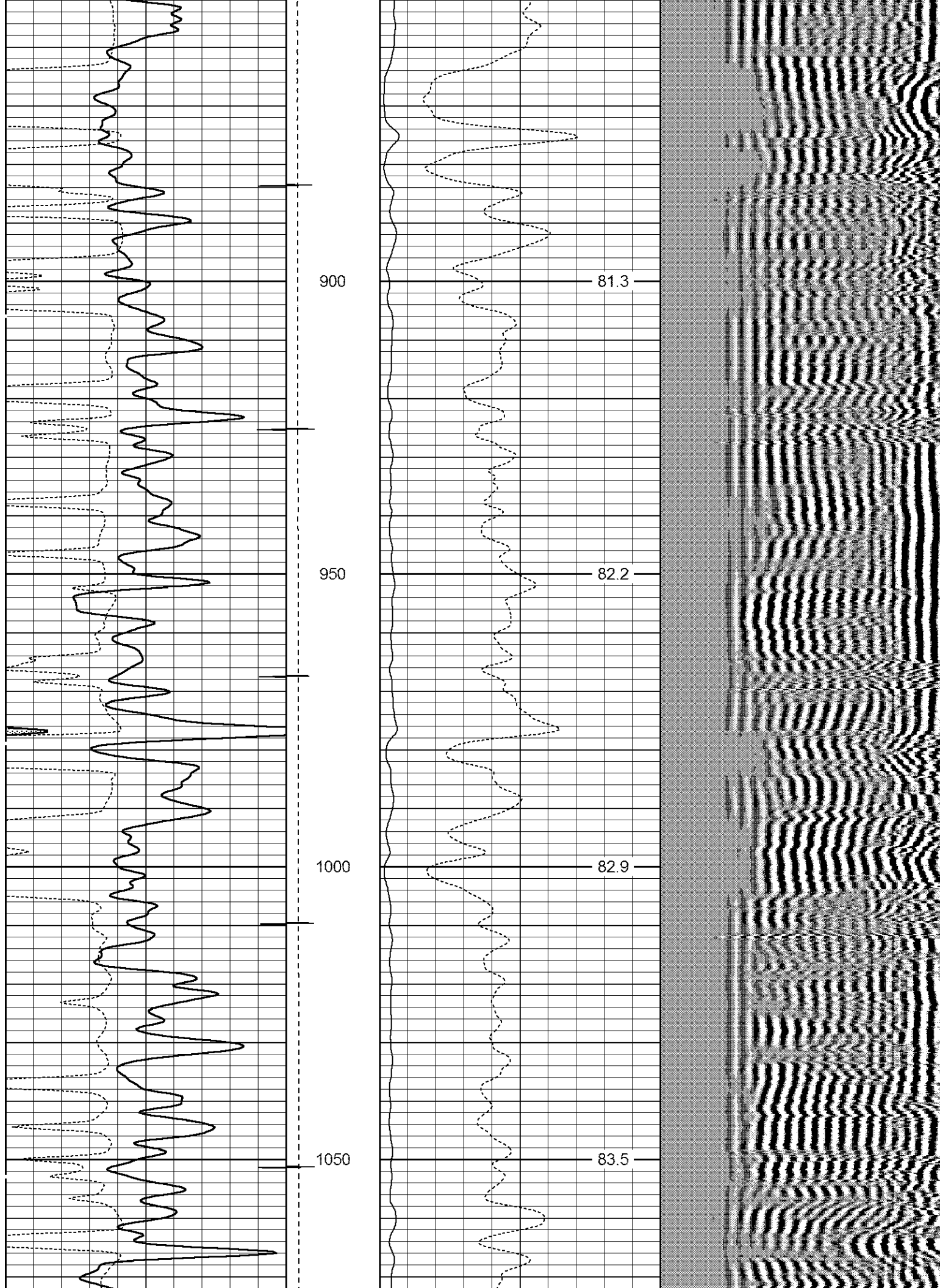
307	Travel Time (usec)	207	Line Tension	0	Amplitude (mV)	100	200	Variable Density	1200
0	Gamma Ray (GAPI)	150	0 (lb/2000)	0	Amplified Amplitude (mV)	10			
		CCL			TEMP (degF)				

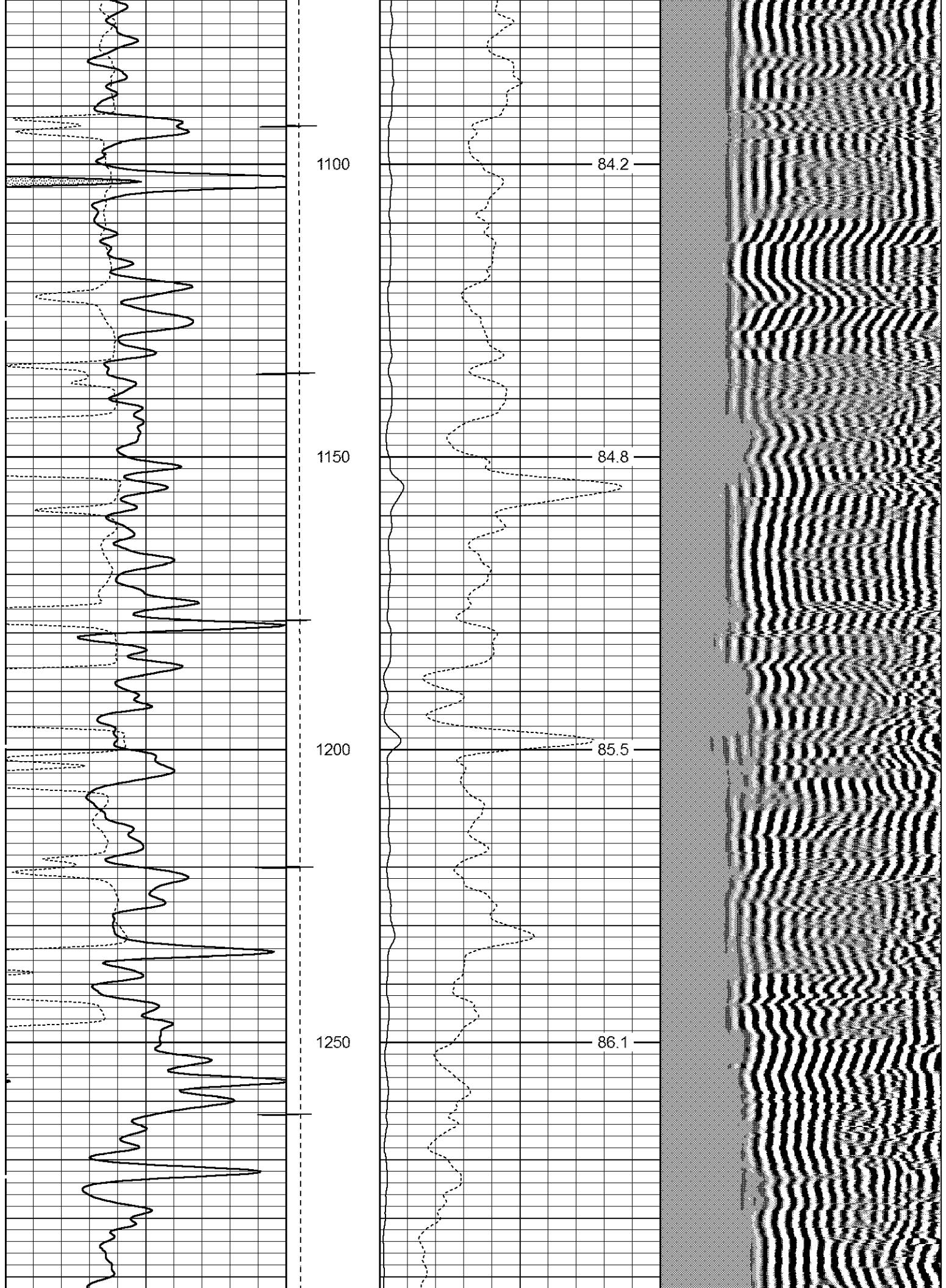


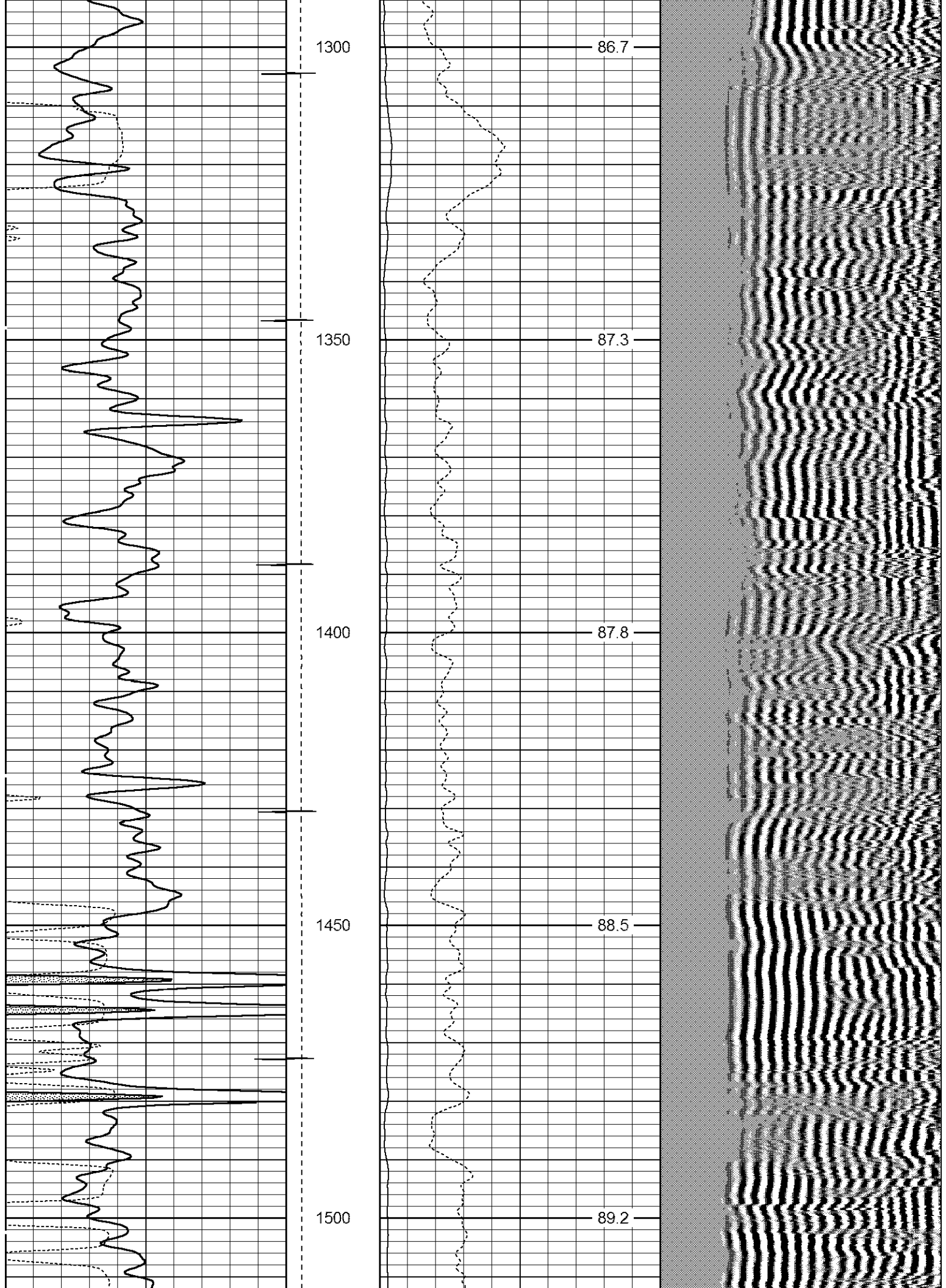


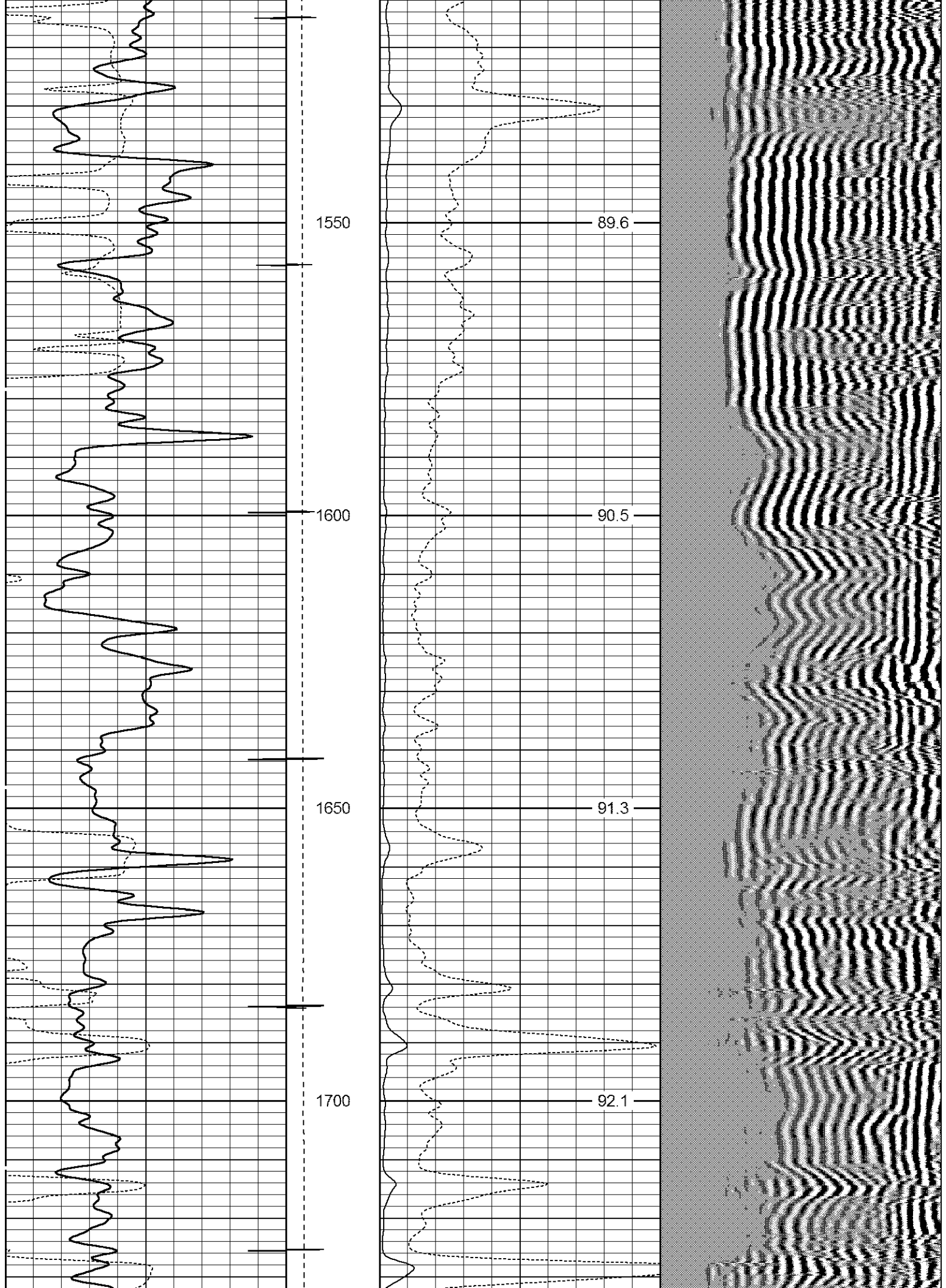


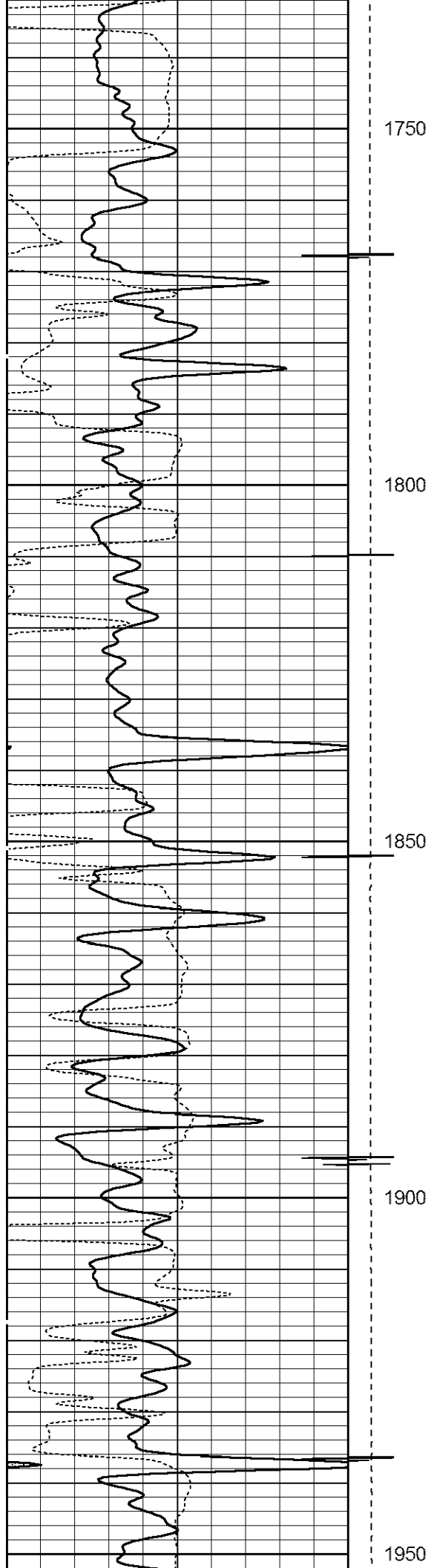












1750

1800

1850

1900

1950

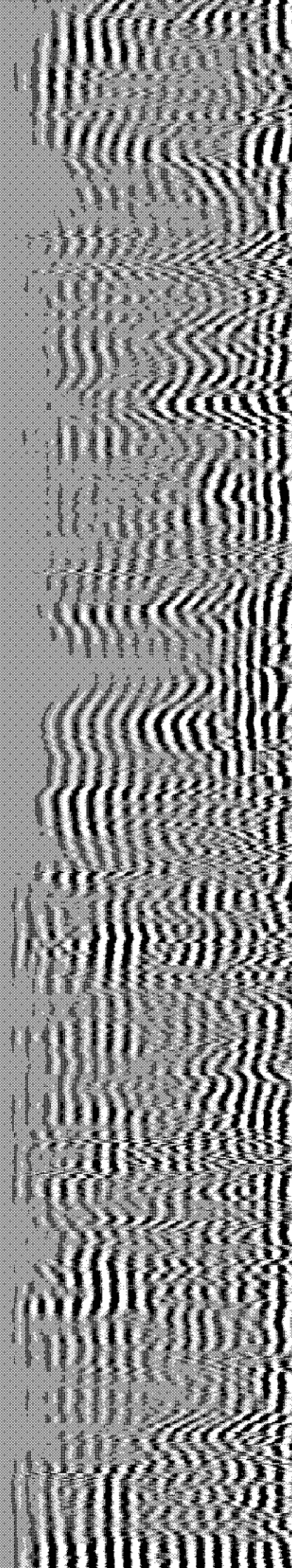
92.9

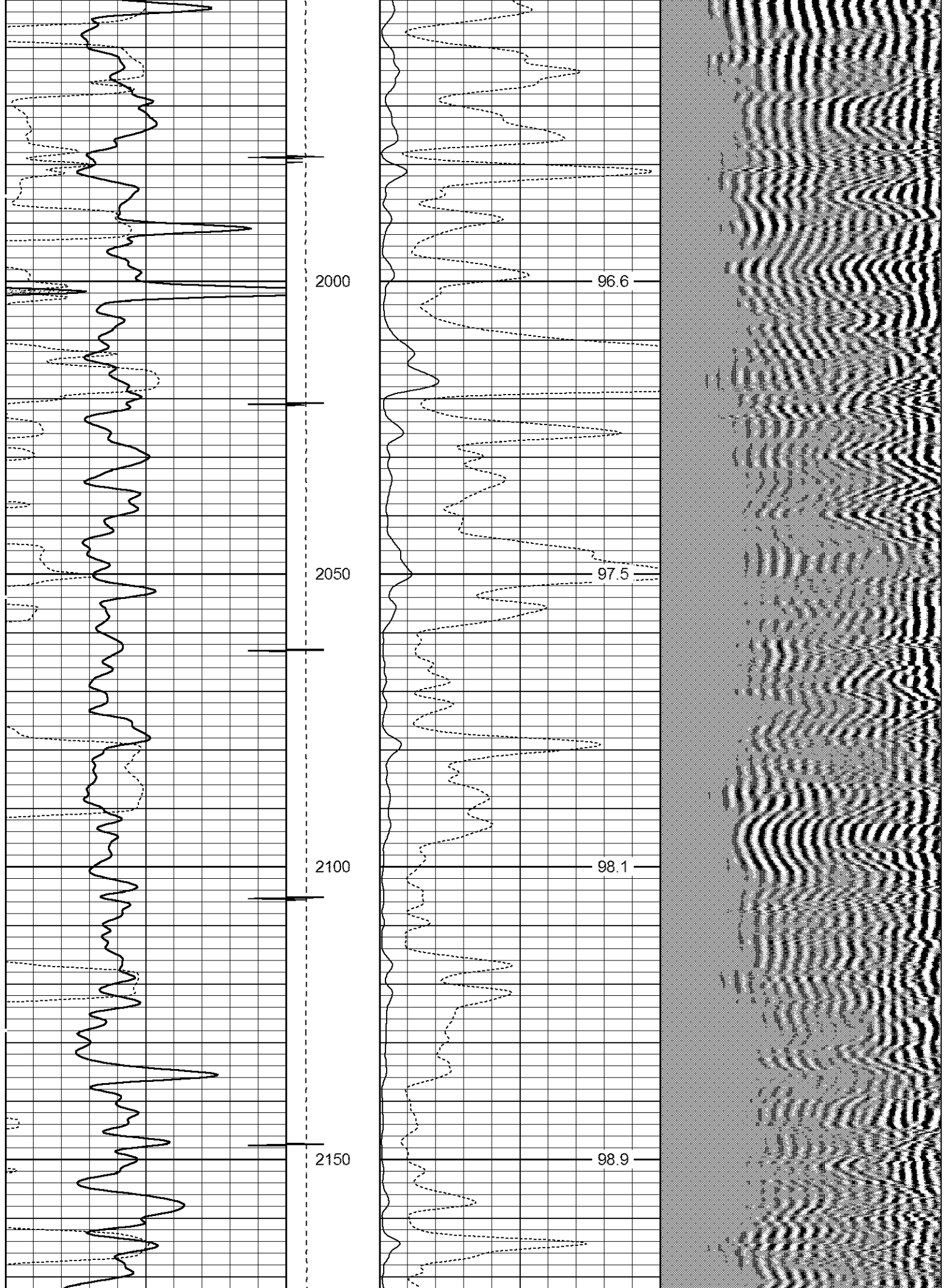
93.7

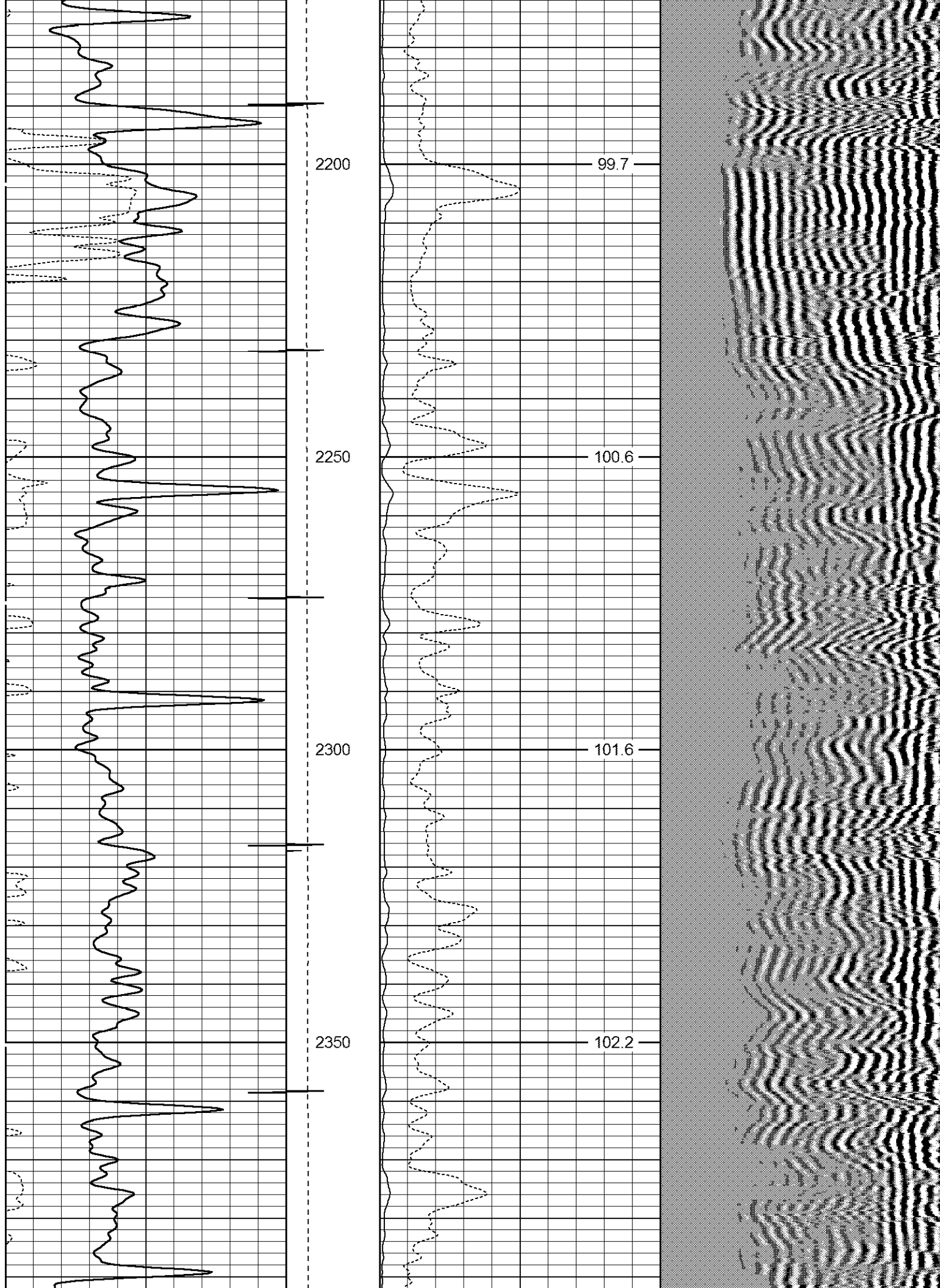
94.4

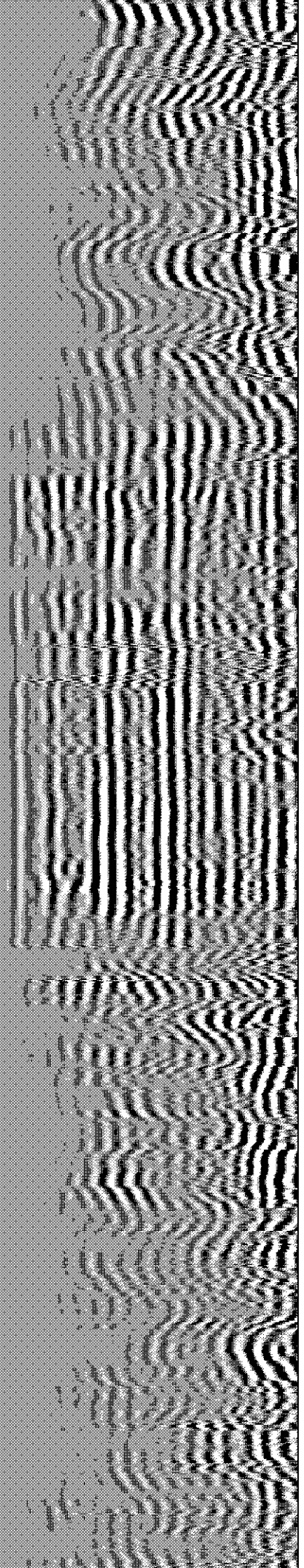
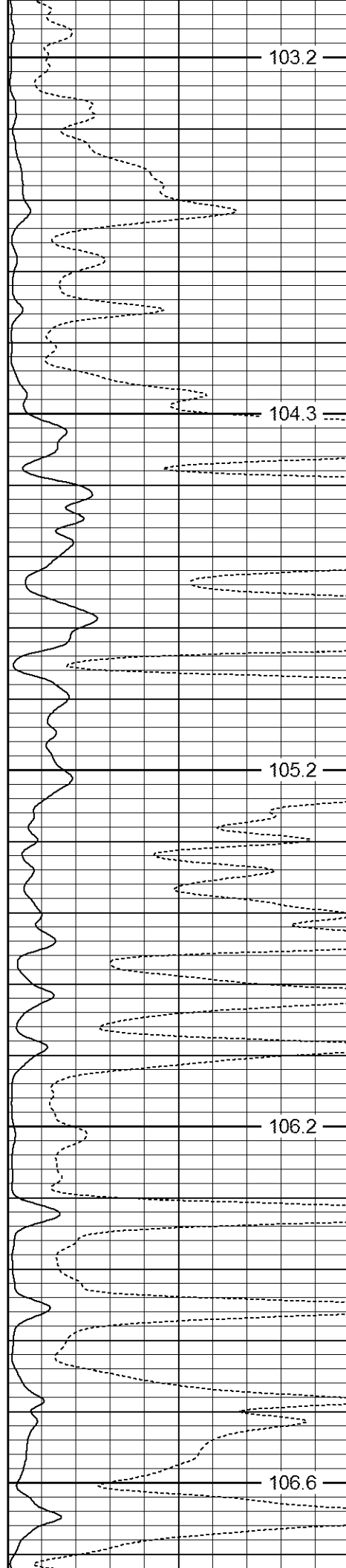
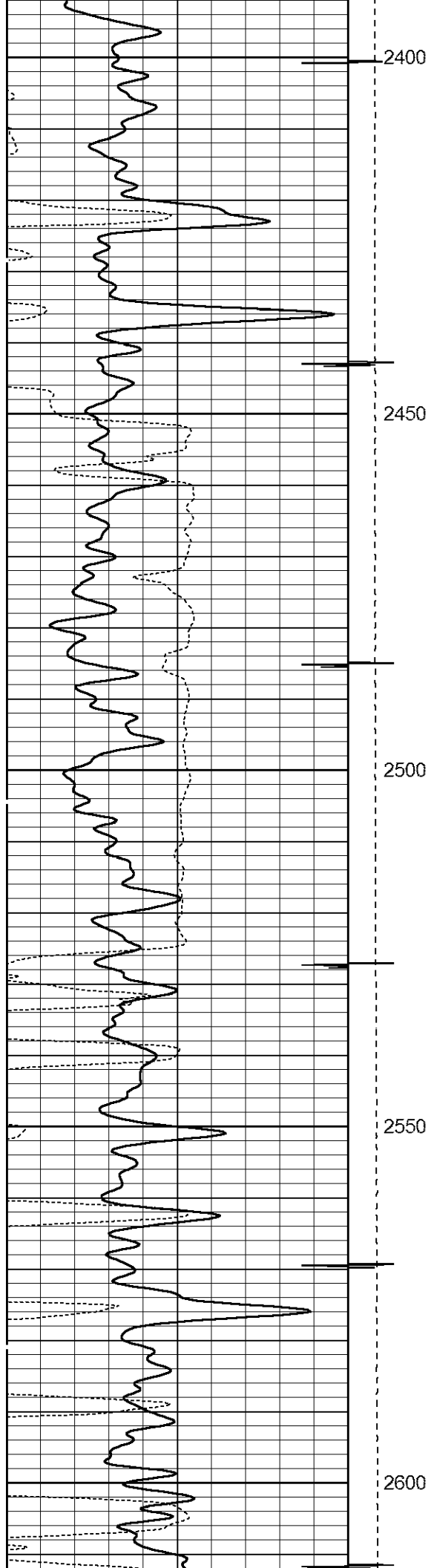
95.0

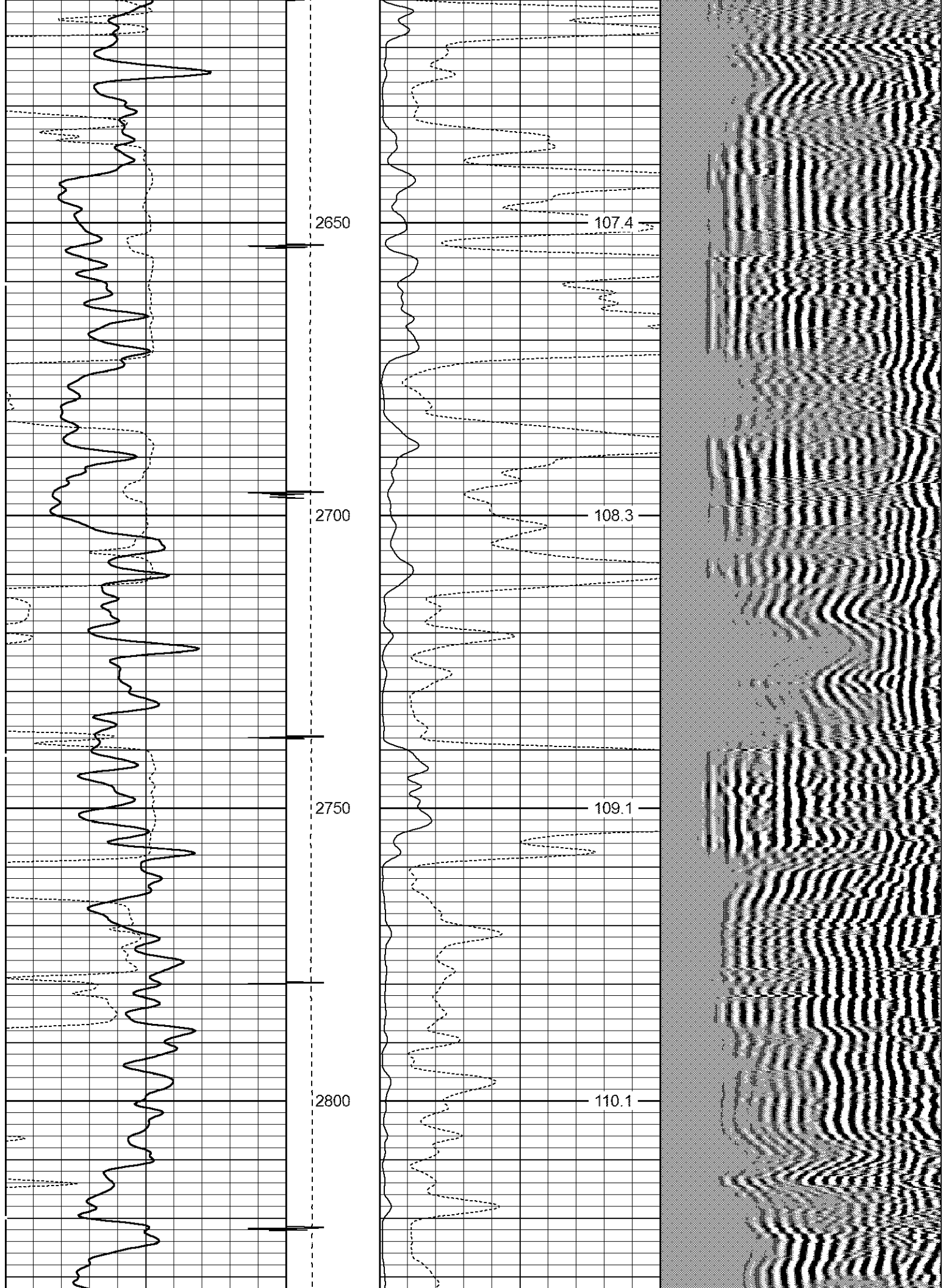
95.8

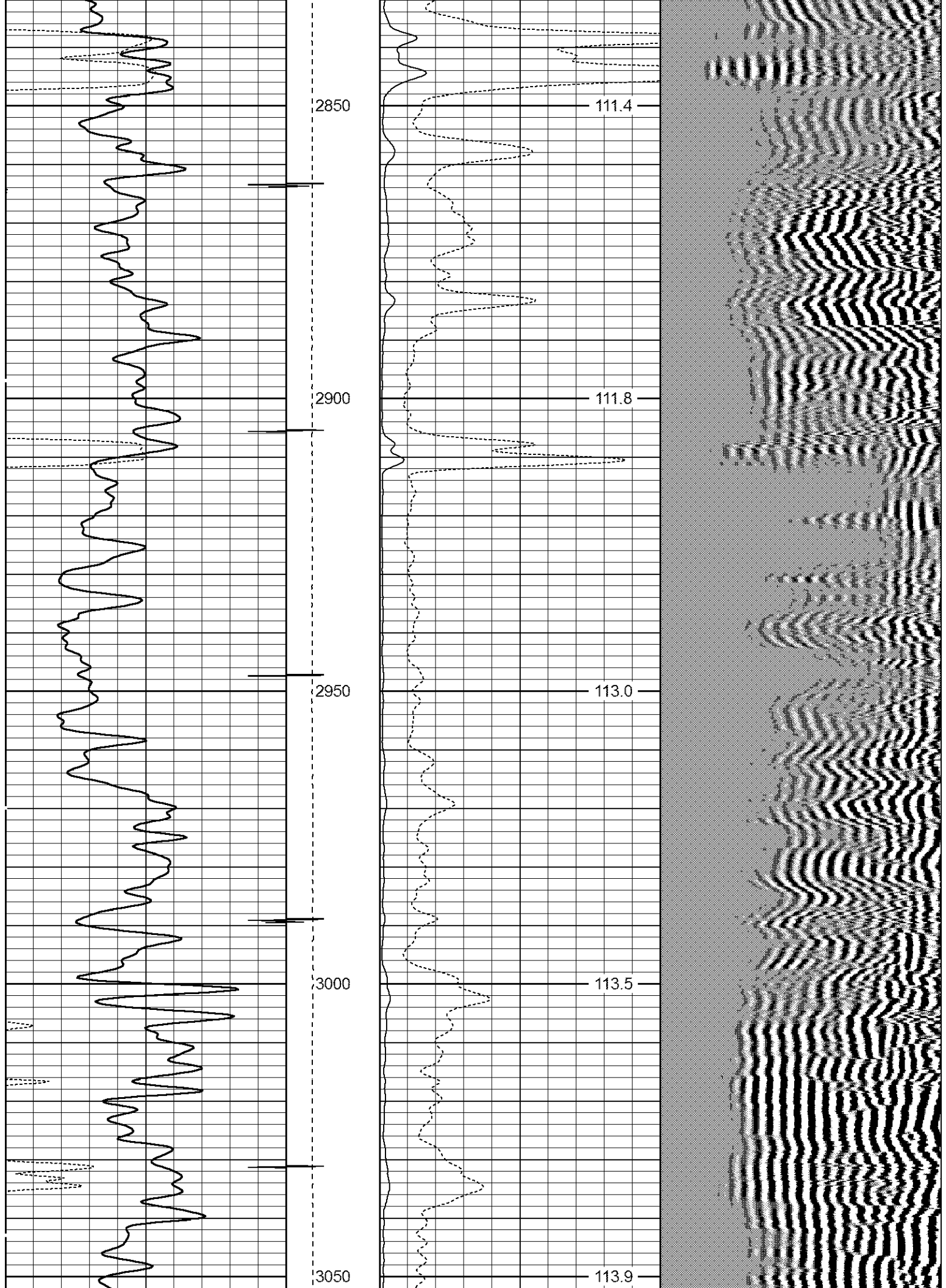


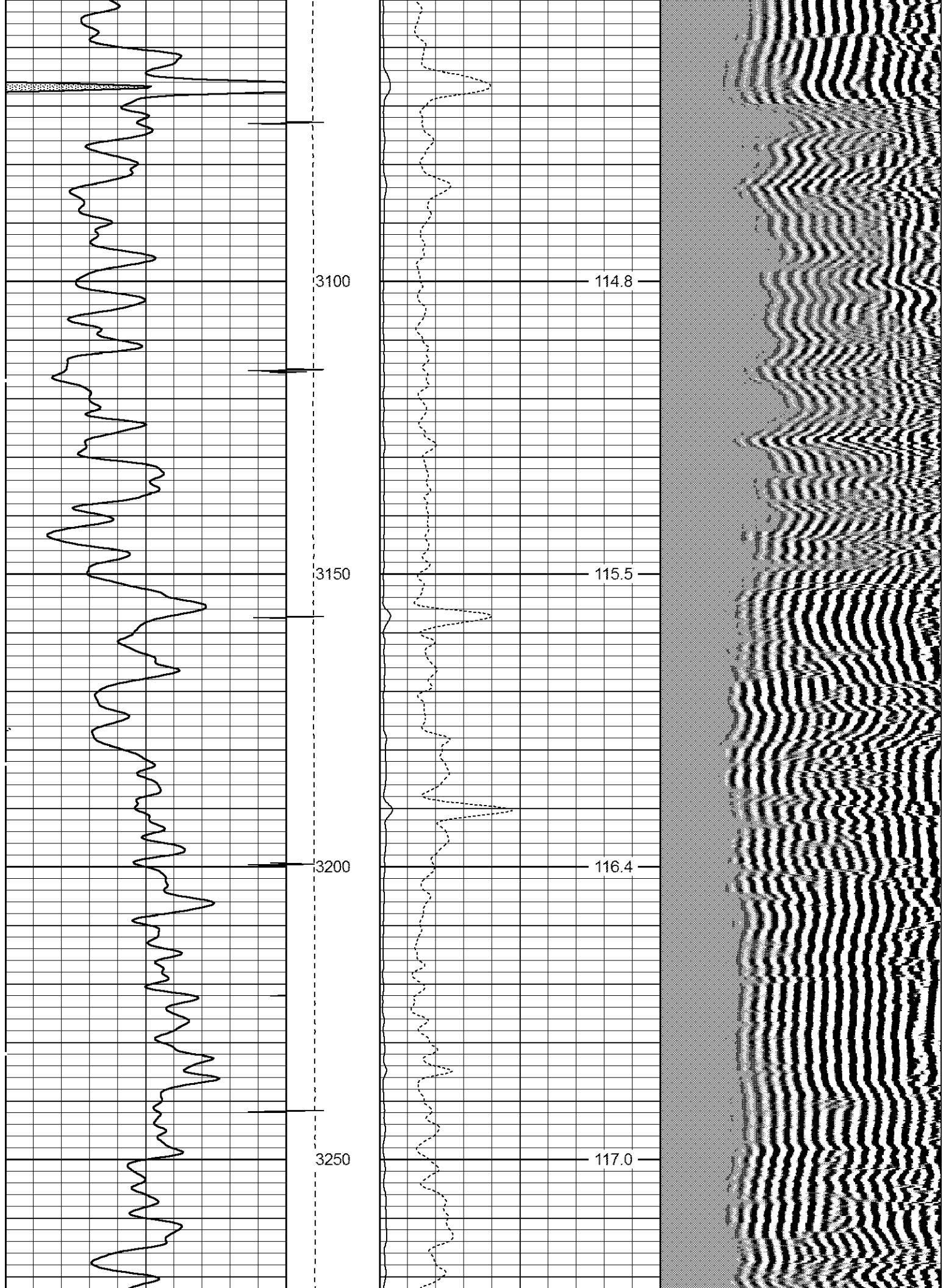


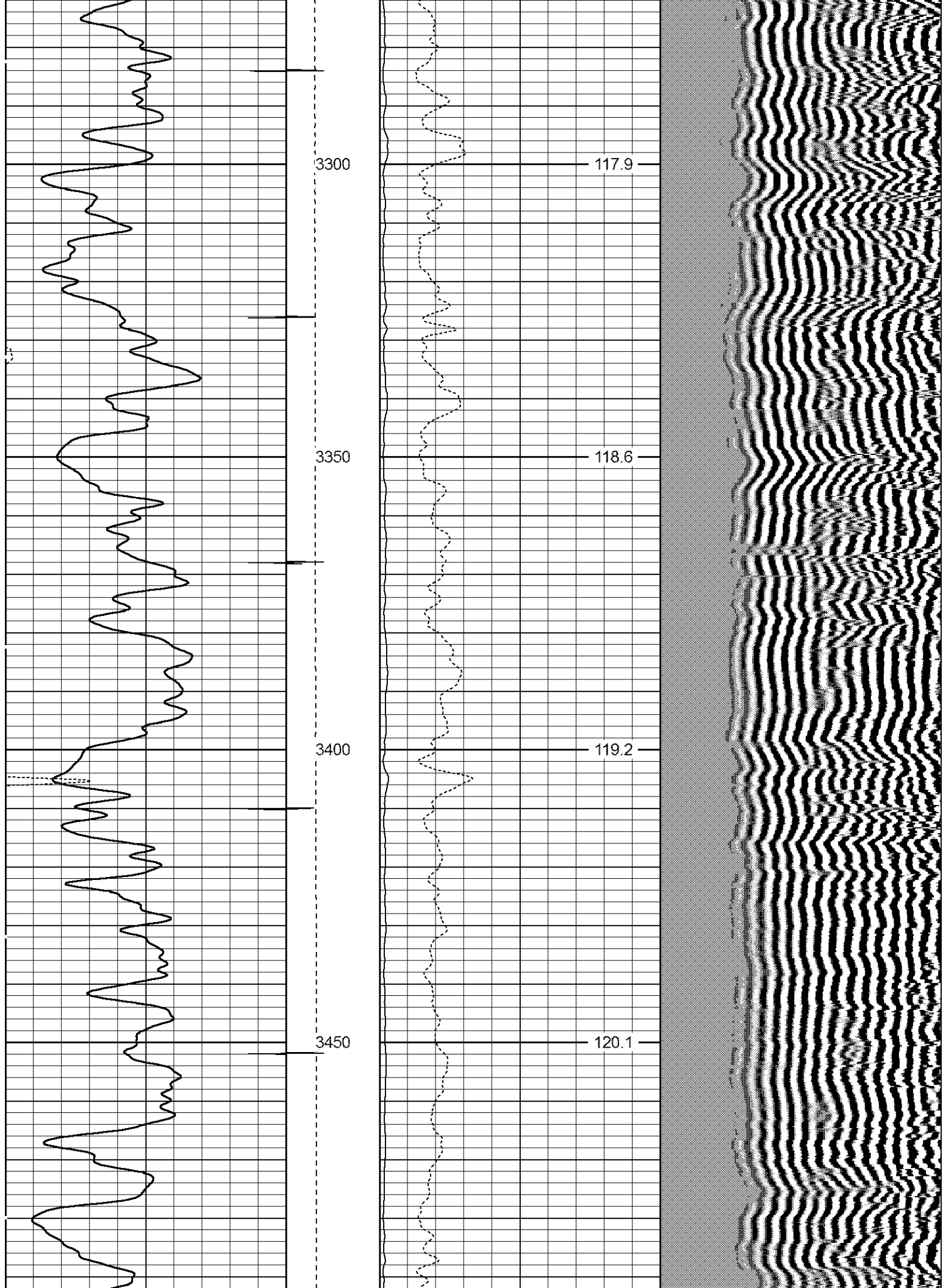


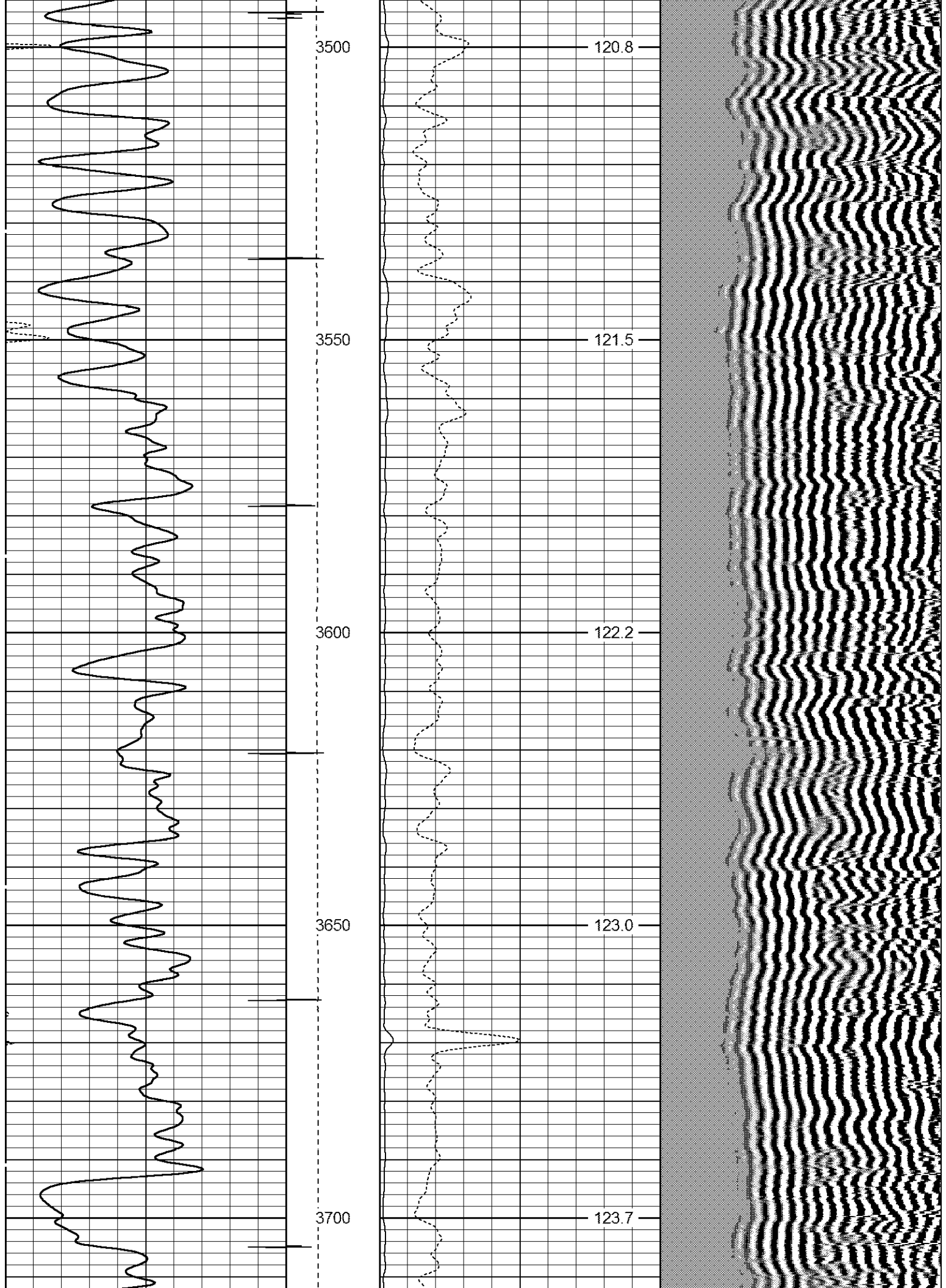


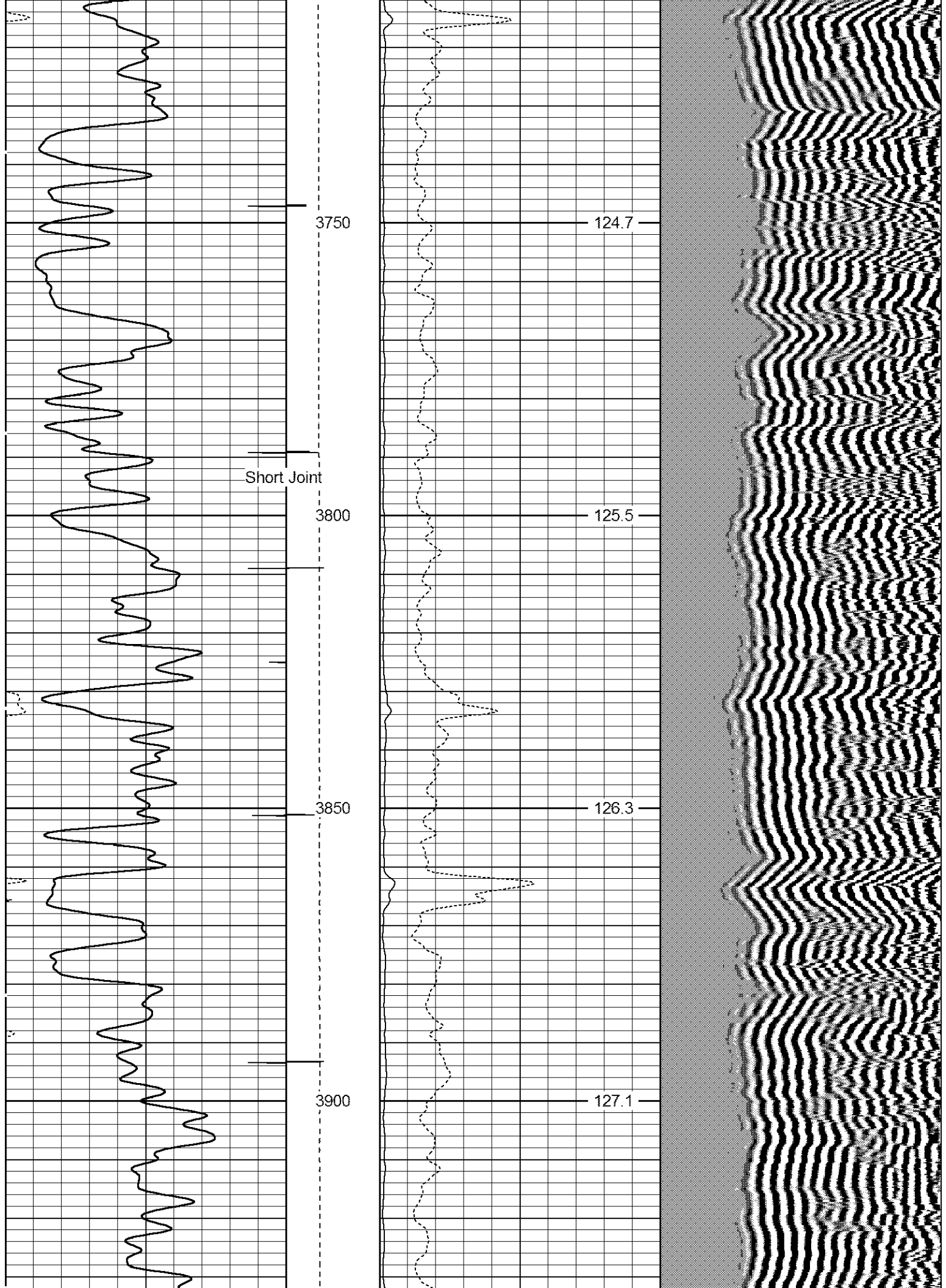


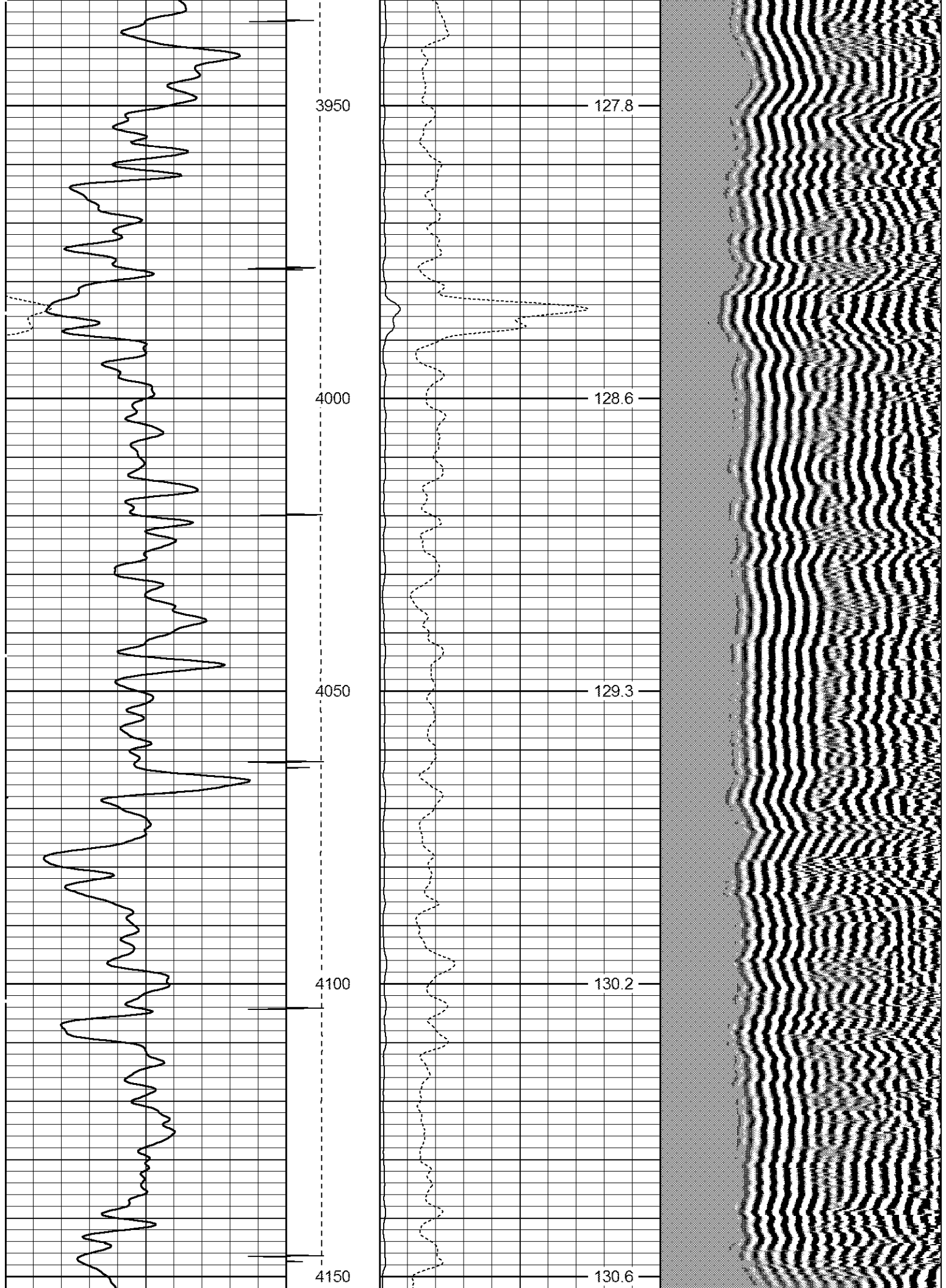


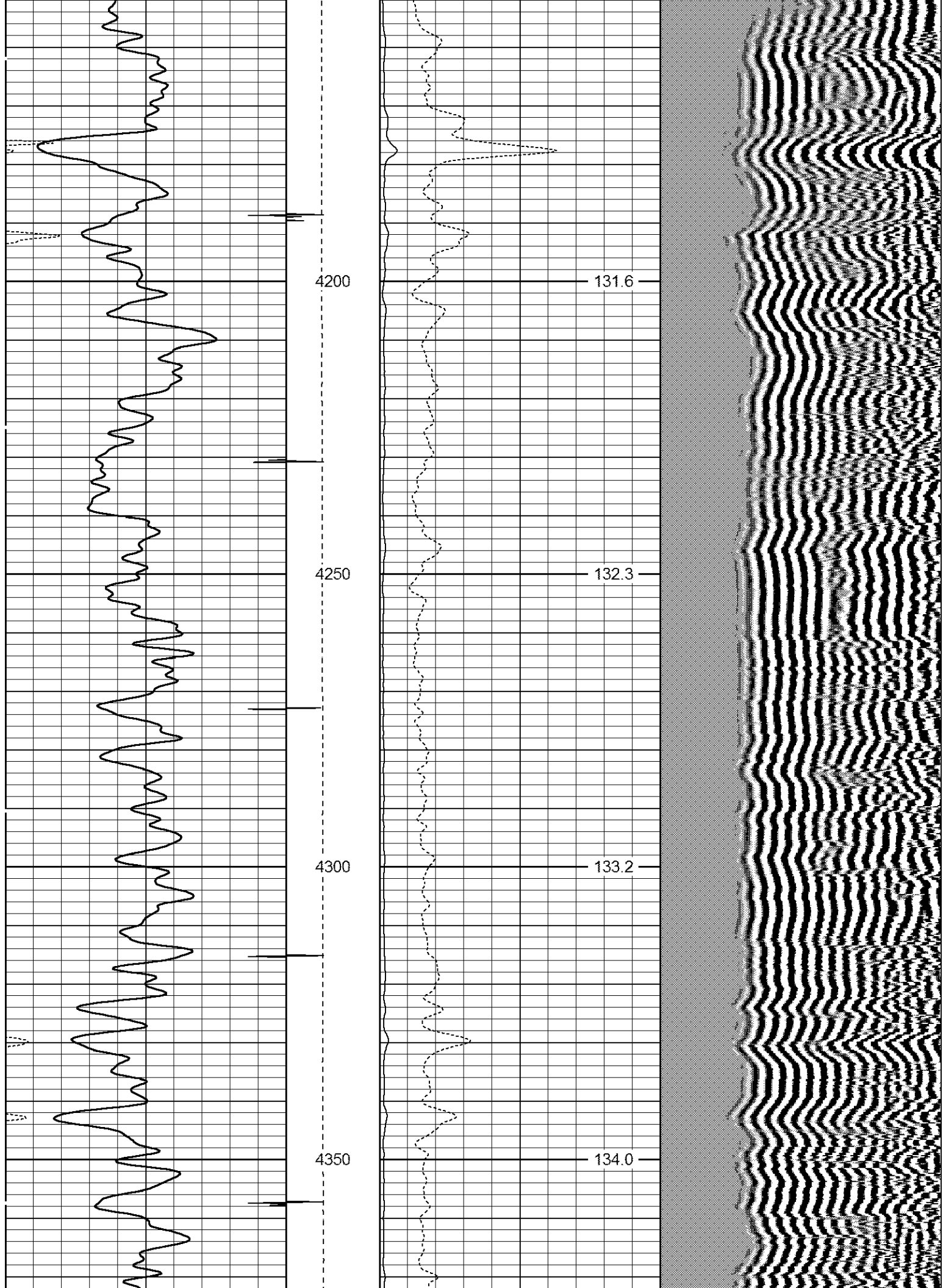


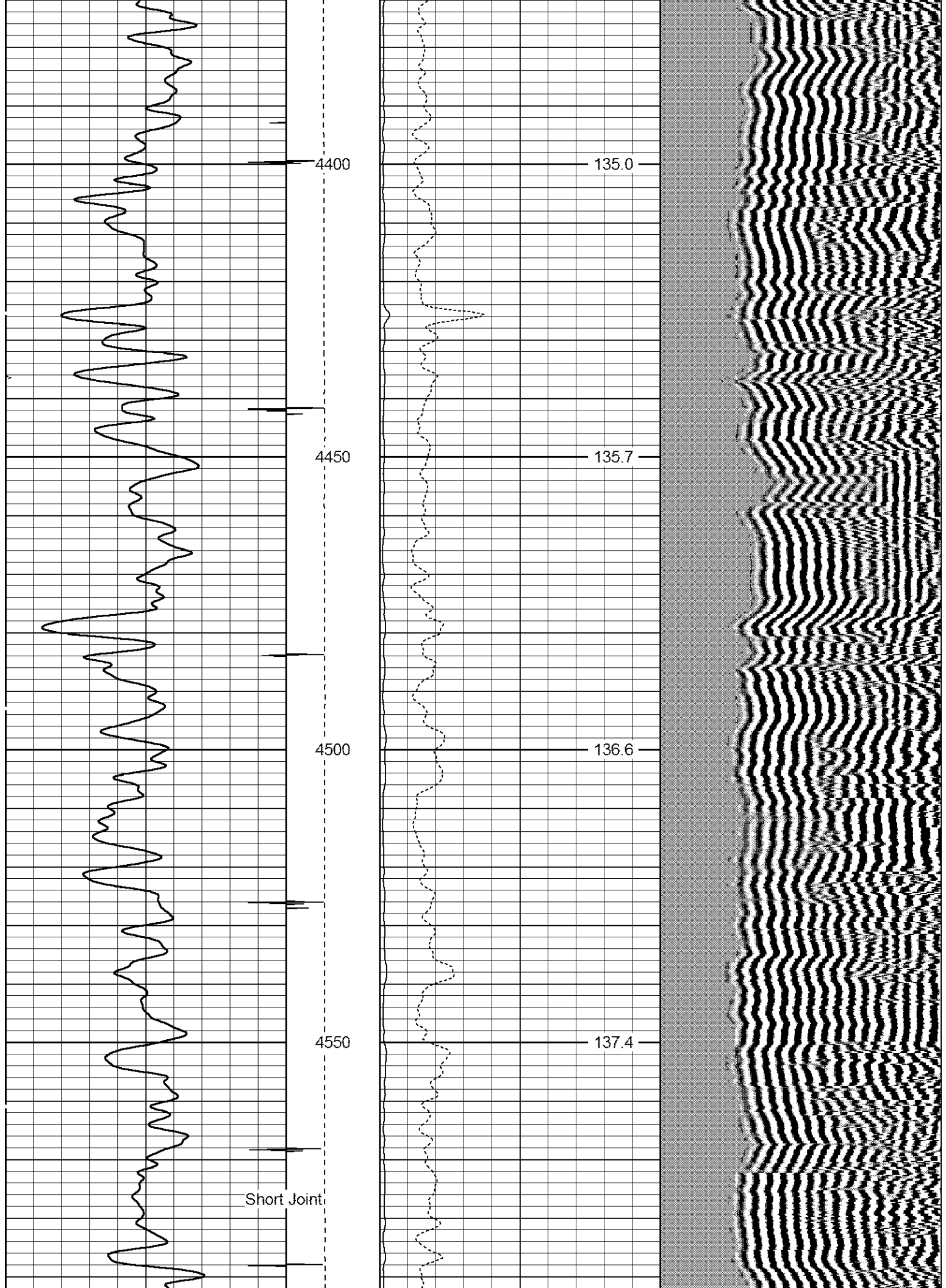


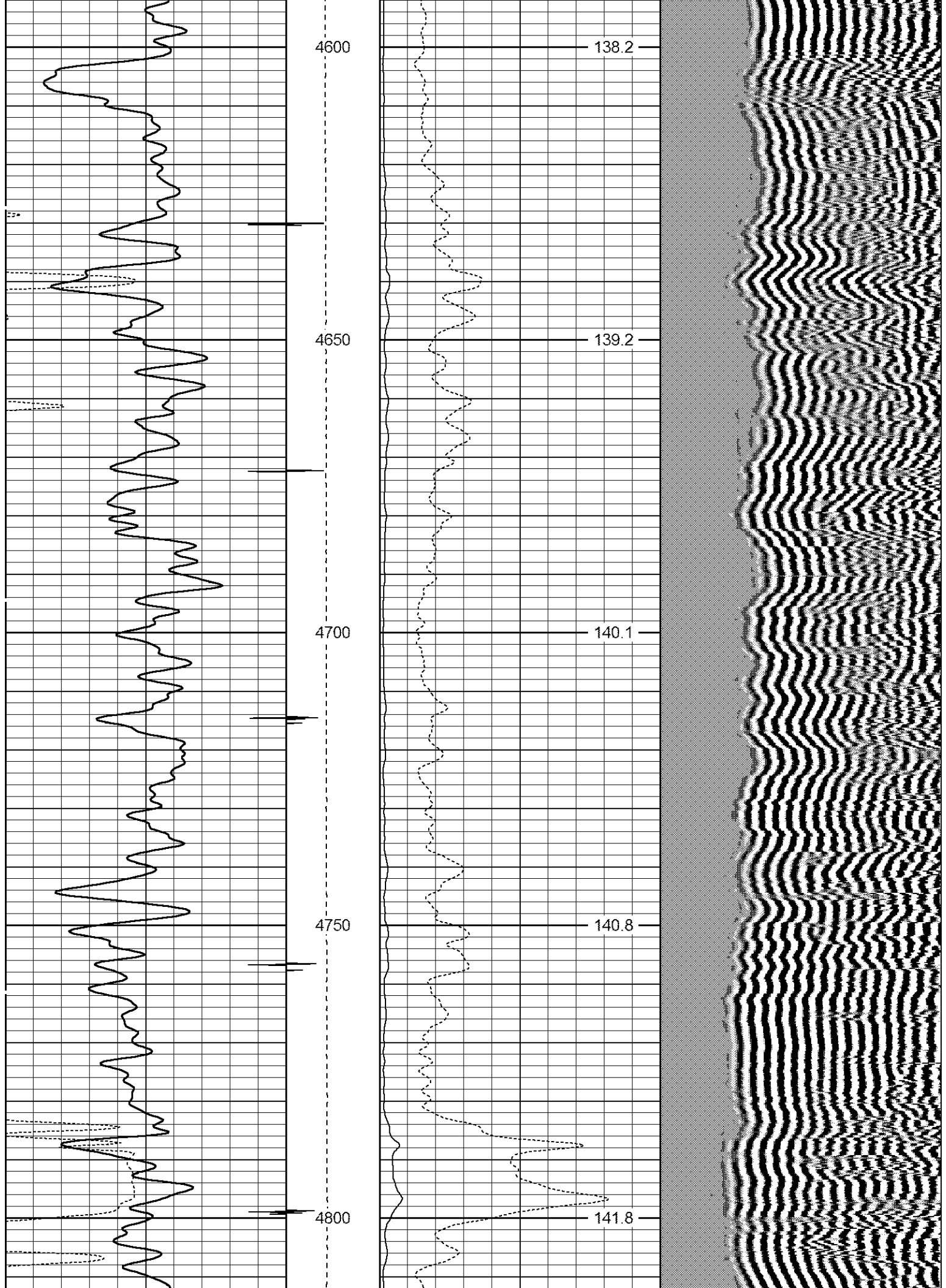


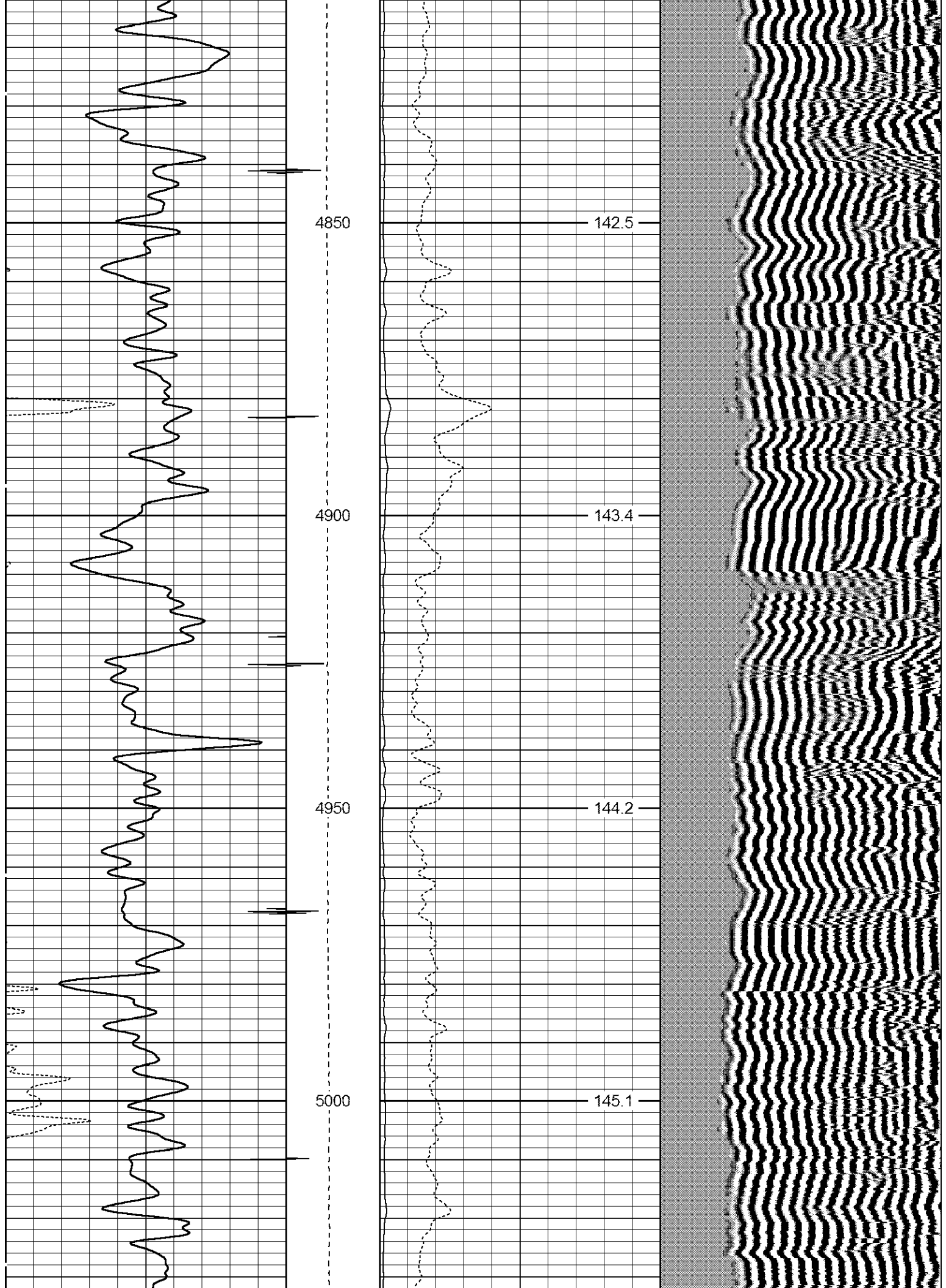


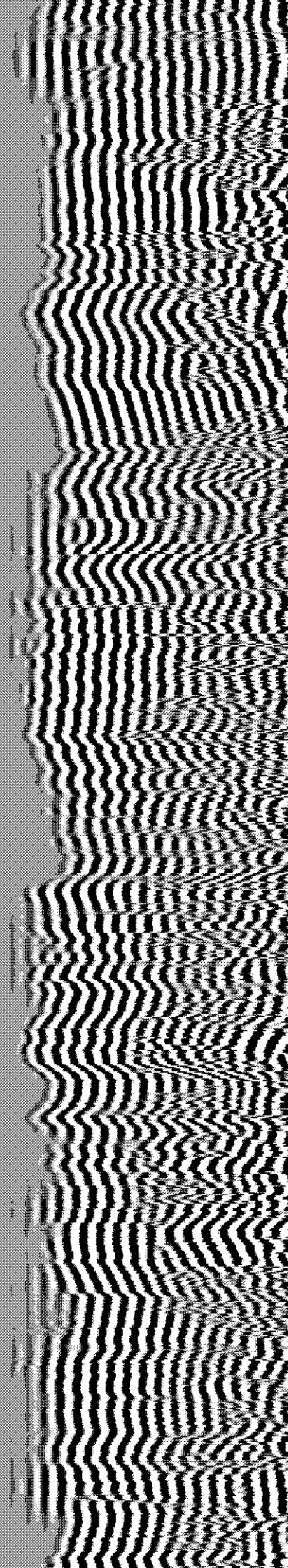
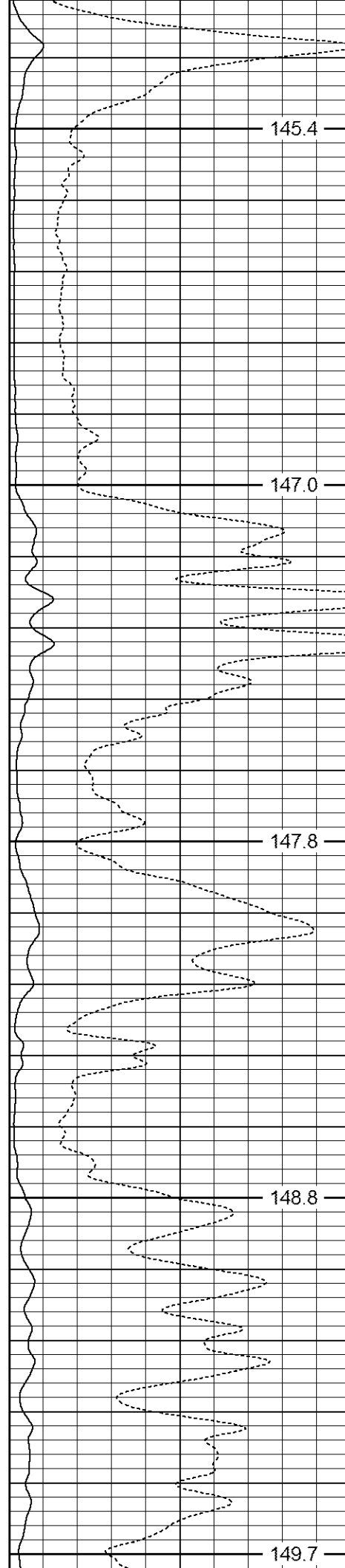
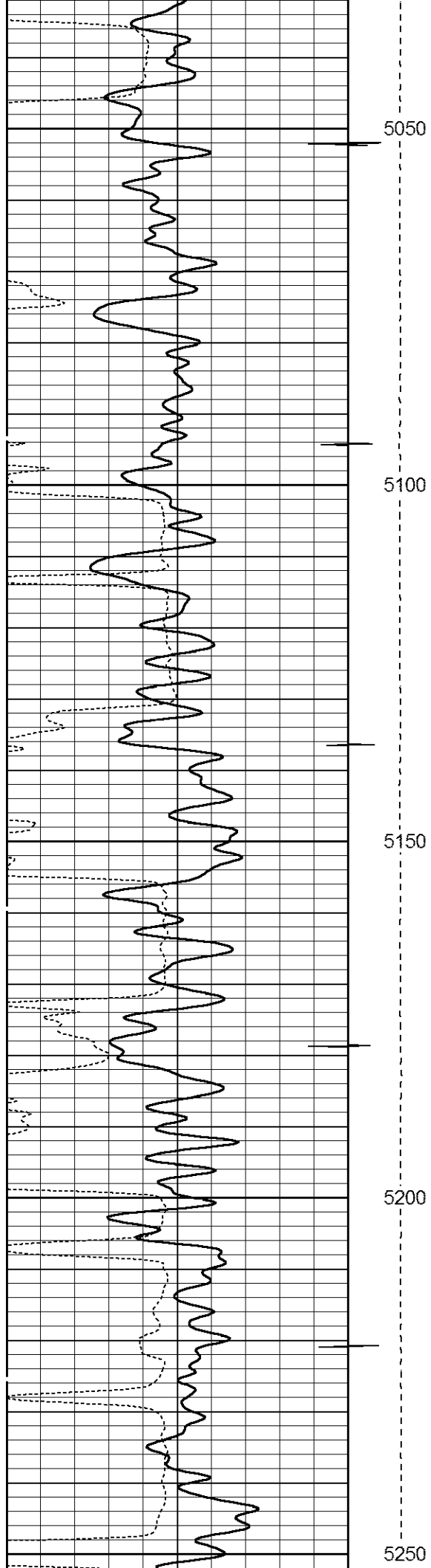


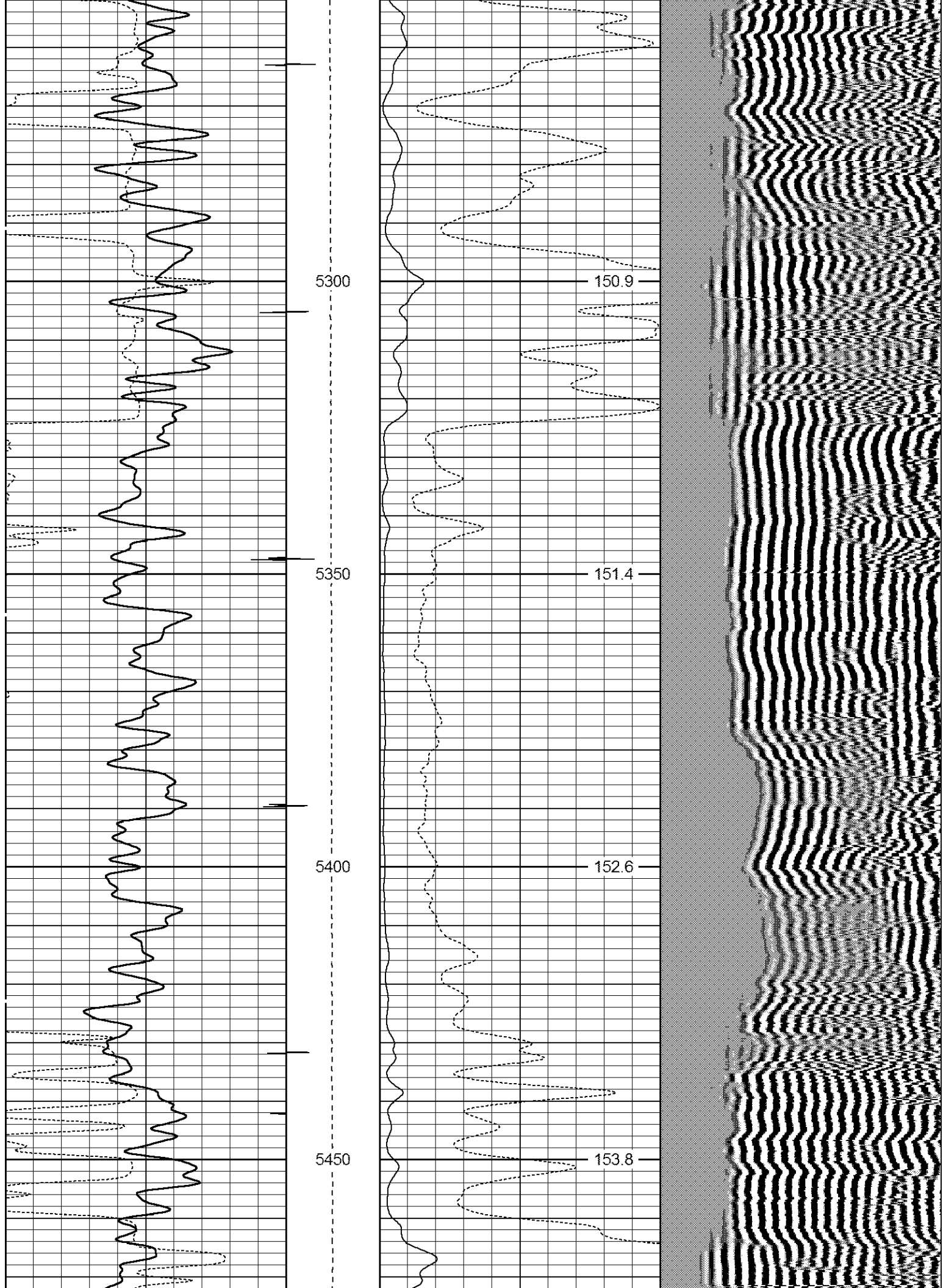


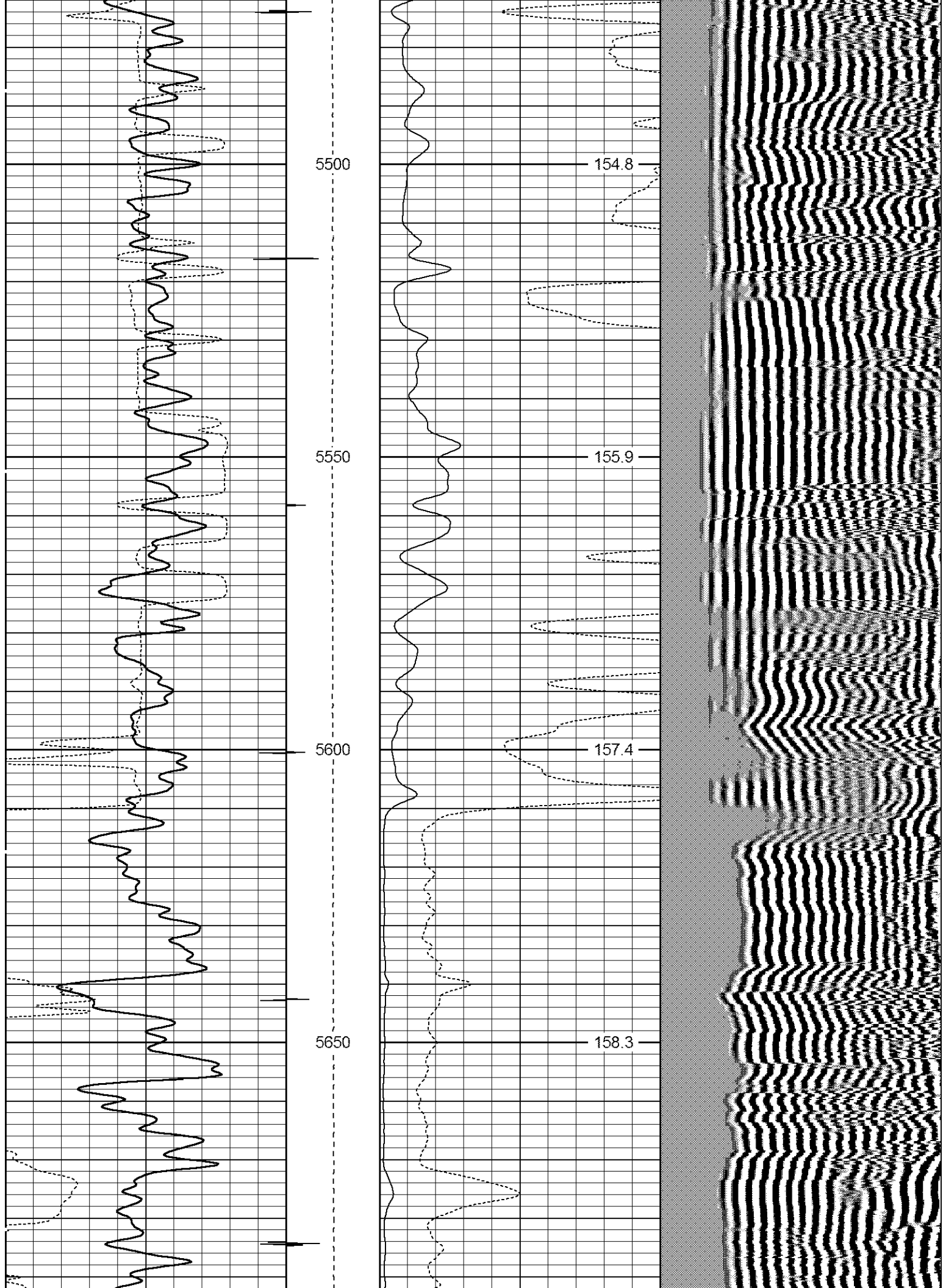


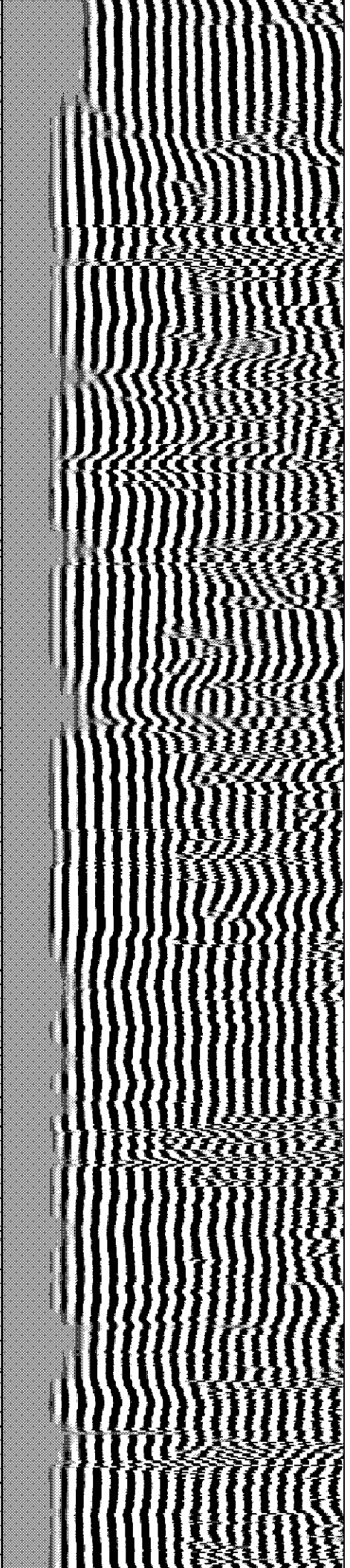
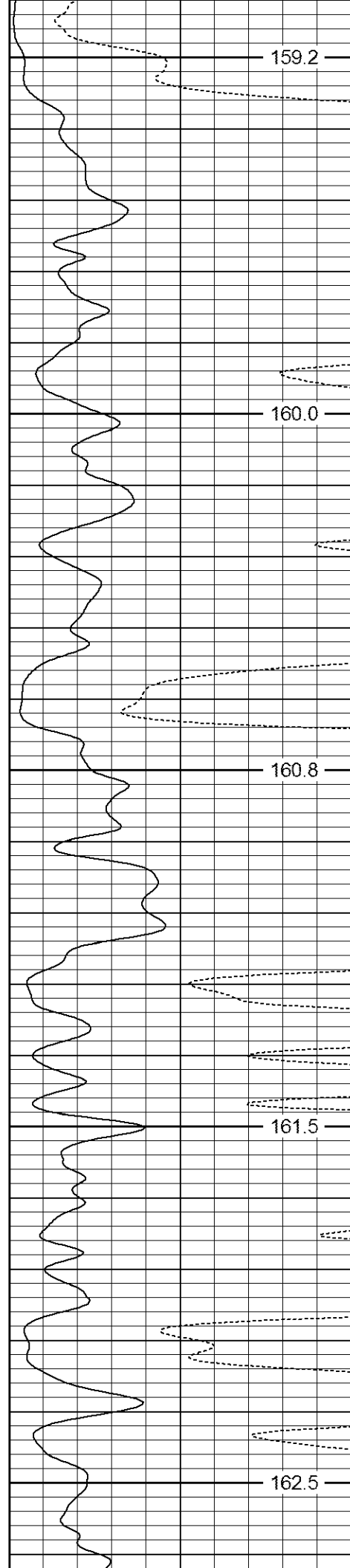
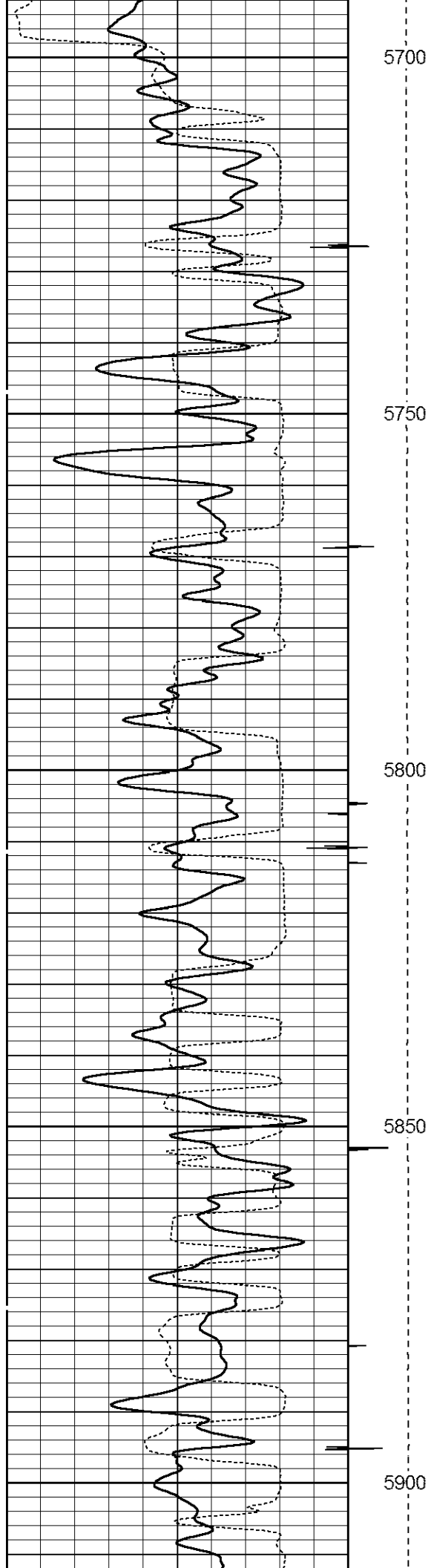


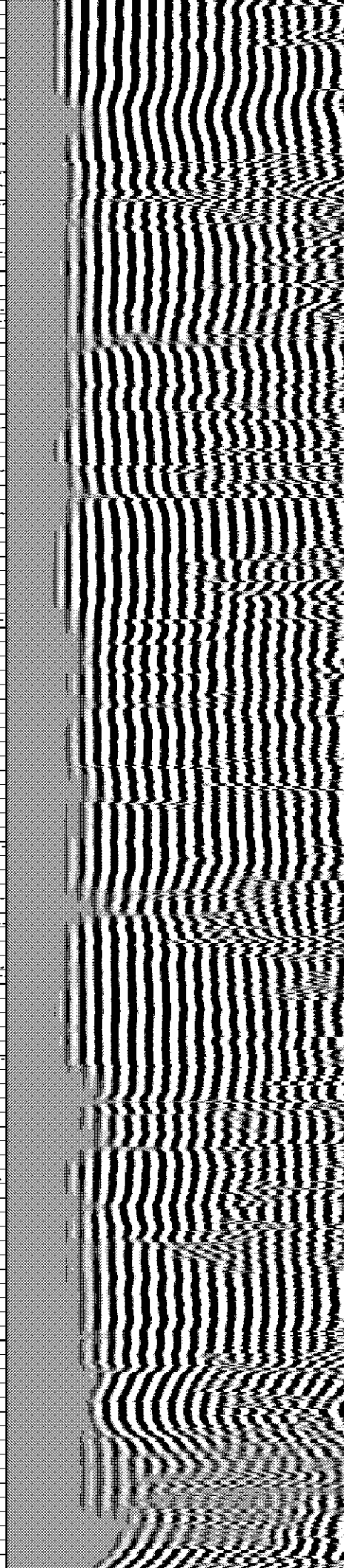
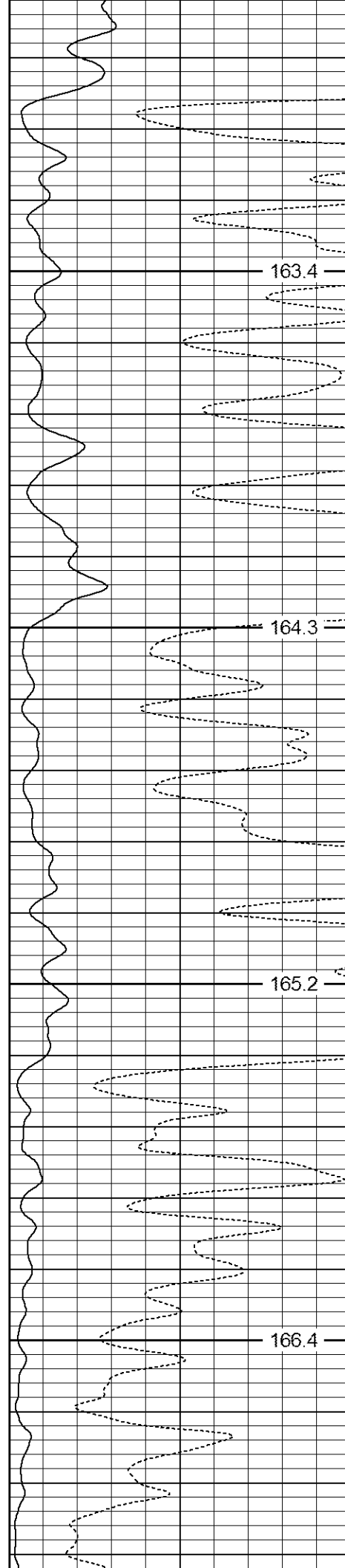
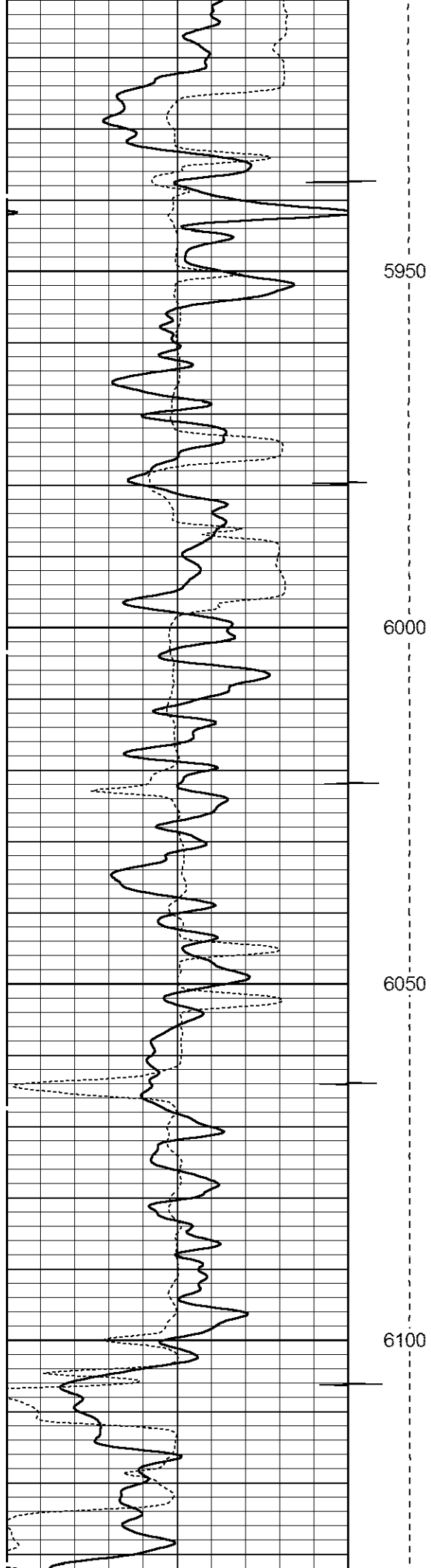


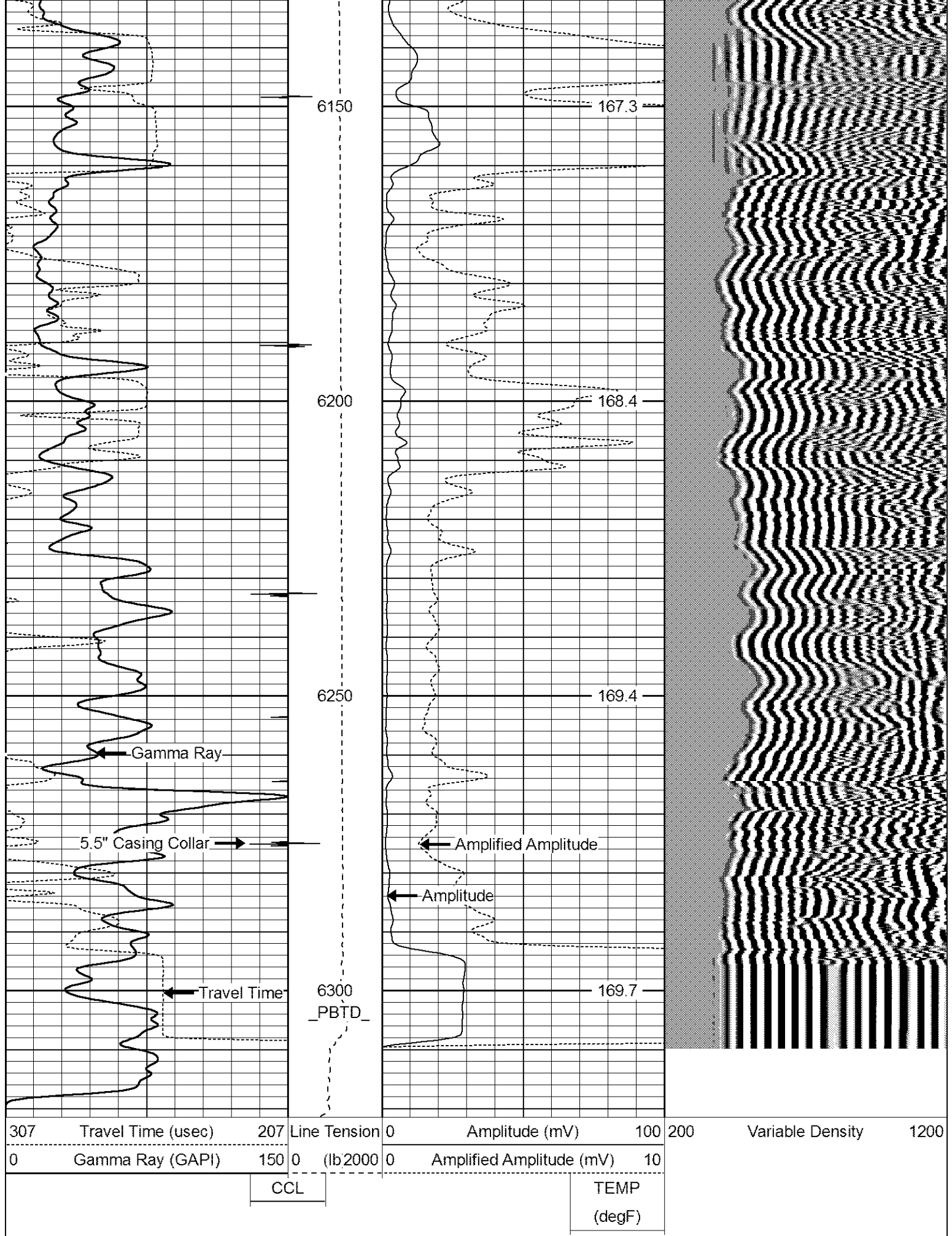






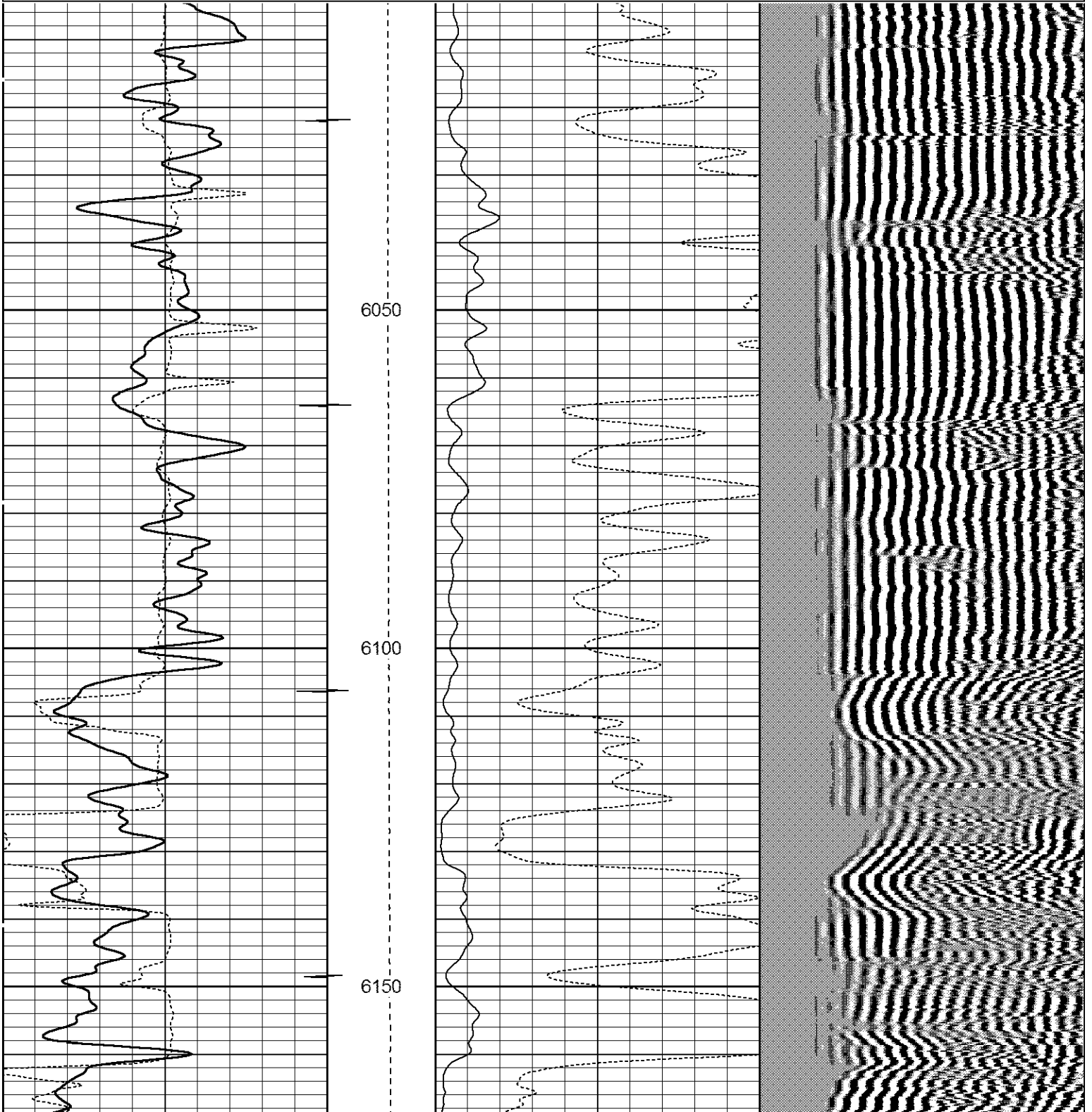


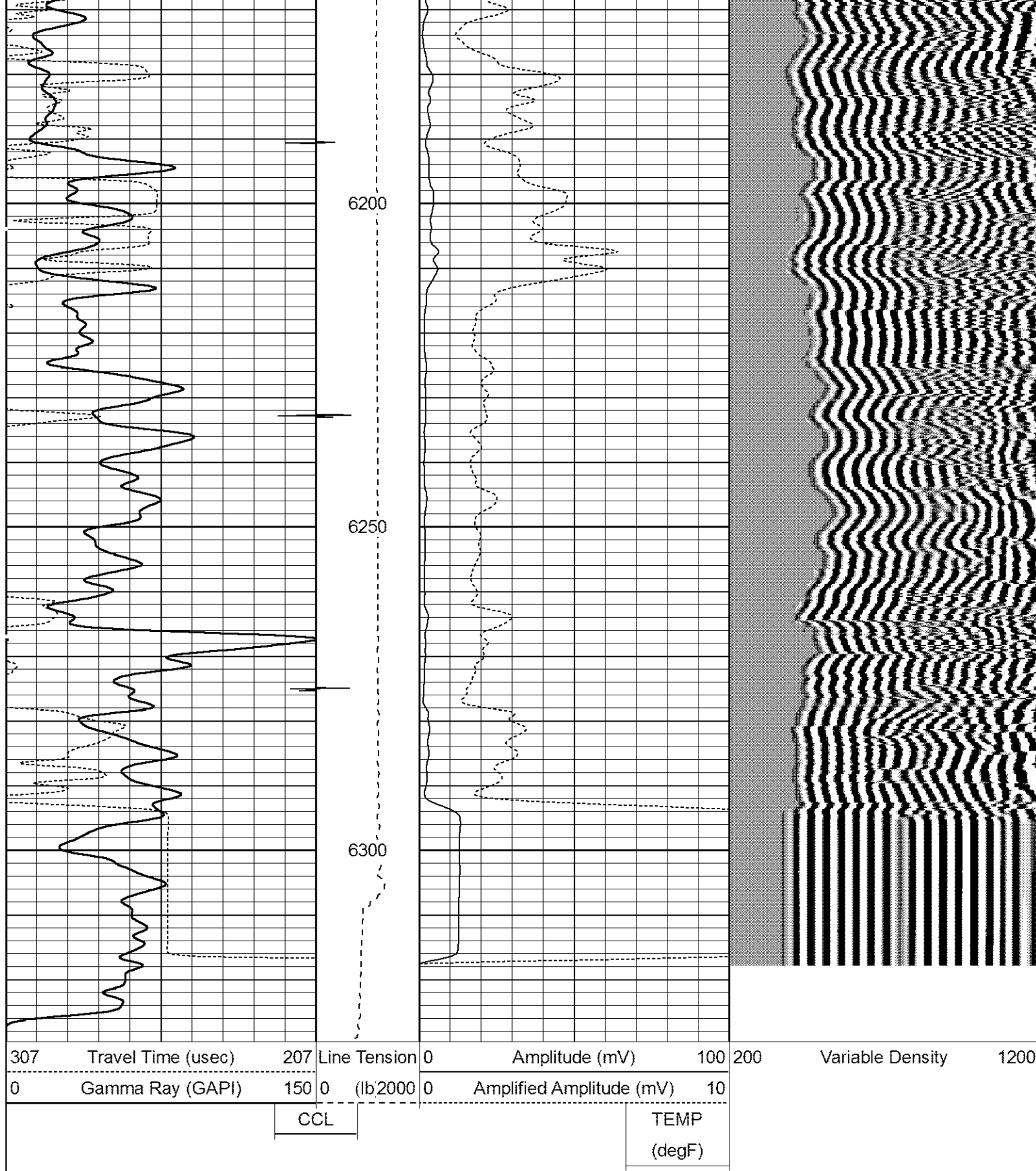




Database File: ute tribal 31-06 cbl.db
 Dataset Pathname: pass2.1
 Presentation Format: cbltemp
 Dataset Creation: Thu Sep 18 12:08:12 2014 by Calc SCH 110722
 Charted by: Depth in Feet scaled 1:240

307	Travel Time (usec)	207	Line Tension	0	Amplitude (mV)	100	200	Variable Density	1200
0	Gamma Ray (GAPI)	150	0 (lb/2000)	0	Amplified Amplitude (mV)	10			
		CCL			TEMP (degF)				





Log Variables

Database: C:\Warrior\Data\ute tribal 31-06 cbl.db
Dataset: field/well/run1/pass3.1

Top - Bottom

PPT usec	CASEWGHT lb/ft	MAXAMPL mV	MINAMPL mV	MINATTN db/ft	CASEOD in	PERFS	TDEPTH ft
0	15.5	72	0.7	0.8	5.5	0	0
BOTTEMP	BOREID						

degF 100	in 7.875
-------------	-------------

Calibration Report

Database File: ute tribal 31-06 cbl.db
Dataset Pathname: pass3.1
Dataset Creation: Thu Sep 18 12:02:33 2014 by Calc SCH 110722

Gamma Ray Calibration Report

Serial Number: GRSTIT1.3
Tool Model: Titan169
Performed: Thu Sep 20 10:20:15 2012

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0200 GAPI/cps

Radial Cement Bond Calibration Report

Serial Number: 01
Tool Model: TEKCOTEMP

Calibration Casing Diameter: 5.500 in
Calibration Depth: 20.308 ft

Master Calibration, performed Thu Sep 18 09:59:19 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.028	1.550	0.700	71.921	180.054	-3.728
CAL	0.257	0.385				
5'	0.028	2.378	0.700	71.921	30.304	-0.134
SUM						
S1						
S2						
S3						
S4						
S5						
S6						
S7						
S8						

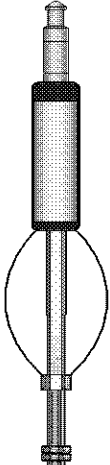
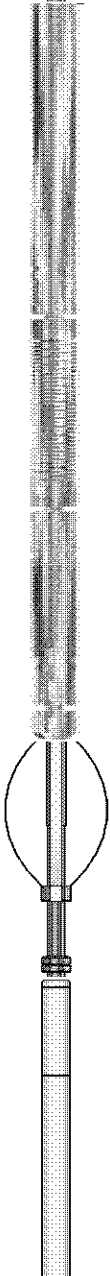
Internal Reference Calibration, performed Wed Oct 30 13:46:52 2013:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.257	0.385	1.000	0.000

Temperature Calibration Report

Serial Number: 01
Tool Model: TEKCOTEMP
Performed: Tue Jul 29 08:28:32 2014

	Reference			Reading	
Low Reference:	0.00	degF	0.00	usec	
High Reference:	1.00	degF	1.00	usec	
Gain:	0.30				
Offset:	0.00				
Delta Spacing	1				

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	21.00		1.4375CHD Titan Cable Head 1 7/16	1.00	1.44	10.00
			VEL-CCL-CCL275 (CCL275.10) 2 3/4" Tekco CCL	1.83	2.75	20.00
			CENTTEK1.1 1 3/4" APPLIED CENTRALIZER	2.90	1.75	10.00
TEMP	14.77					
WVF3FT	12.60		VEL-CBLTEKCOTEMP-TEKCOTEMP (01) Tekco 2 3/4" Dual Receiver with Temp	9.08	2.75	102.00
WVF5FT	11.60					
WVFCAL	8.35					
WVFTEMP	8.35					
WVFSYNC	8.35		CENTTEK1.1 1 3/4" APPLIED CENTRALIZER	2.90	1.75	10.00
GR	3.71		VEL-GR-Titan169 (GRSTIT1.3) 1 11/16" Titan 500F 120V Scint. GR	5.46	1.69	20.00

Dataset:			ute tribal 31-06 cbl.db: field/well/run1/pass3.1			
Total Length:			23.17 ft			
Total Weight:			172.00 lb			
O.D.			2.75 in			

Company	Petroglyph Operating Company, Inc.				
Well	Ute Tribal 31-06				
Field	Antelope Creek				
County	Duchesne	State	Utah		
CASED HOLE SOLUTIONS		Cement Bond Gamma Ray /CCL Log			